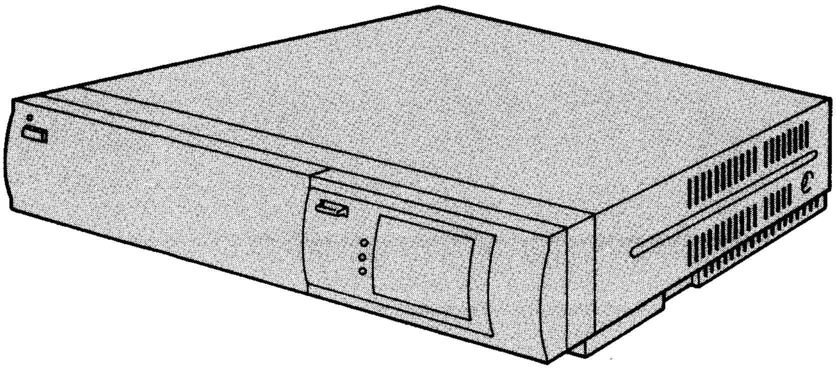
ORDER NO. VRD9002M108

Service Manual

Video Cassette Recorder

Panasonic VHS HQ
PAL

NV-J35EO/EV/EI
VW-VPS5E



SPECIFICATIONS

ITEM	SPECIFICATION	
POWER	SOURCE: 220V 50/60Hz	
	CONSUMPTION: 22W	
RECORDING SYSTEM	2 rotary heads, helical scanning system	
	PAL	
TV TUNER SYSTEM	NV-J35EO/EV	VHF I : CHE2~CHS3 VHF III: CHM1~CHE12 VHF H: CHU1~CHS41 (PAL B: NV-J35EO) (PAL/SECAM B: NV-J35EV) 75Ω unbalanced UHF: CHE21~CHE69 (PAL G: NV-J35EO) (PAL/SECAM G: NV-J35EV) 75Ω unbalanced
	NV-J35EI	VHF I : CHA~CHC VHF III: CHD~CHH2 VHF H: CHS11~CHH2 (PAL B) 75Ω unbalanced UHF: CHE21~CHE69 (PAL G) 75Ω unbalanced
RF OUT SYSTEM	UHF: CH36±4 (PAL G: NV-J35EO) (PAL/SECAM G: NV-J35EV) 70^{+2}_{-3}dBμ, 75Ω terminated (NV-J35EO/EV) UHF: CH36±4 (PAL G) 73^{+2}_{-3}dBμ, 75Ω terminated (NV-J35EI)	
VIDEO	HEADS: 4 rotary heads 1 pair for recording, playback (L-R heads) 1 pair for trick play (L′-R′ heads)	
	INPUT: VIDEO IN Connector (BNC type) 1.0Vp-p, 75Ω terminated EURO AV Connector (21 pin) 1.0Vp-p, 75Ω terminated	
	OUTPUT: EURO AV Connector (21 pin) 1.0Vp-p, 75Ω terminated	

ITEM	SPECIFICATION
AUDIO	HEAD: 1 Stationary head (Normal Audio)
	INPUT: AUDIO IN Connector (Phono type) More than −10dBV (316mV), more than 50kΩ EURO AV Connector (21 pin) More than −10dBV (316mV), more than 10kΩ MICROPHONE JACK 70dBV
	OUTPUT: EURO AV Connector (21 pin) −6dBV (500mV), Less than 1kΩ
TAPE FORMAT	VHS Cassette tape (Tape width 12.7mm)
TAPE SPEED	SP: 23.39mm/s LP: 11.695mm/s (NV-J35EO/EV) Record/Playback Time: SP: 4 hours with 240min. type tape LP: 8 hours with 240min. type tape (NV-J35EO/EV) FF/REW Time: 5.5min. with 180min. type tape
DIMENSIONS	380(W)×82(H)×356(D)mm
WEIGHT	5.0kg (NV-J35EI) 4.9kg (NV-J35EO/EV)
STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. Infra-red Remote Controller (Build in Digital Scanner type) 1 pc. Programme Sheet 1 pc. AC Mains Lead

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

Panasonic

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

INTRODUCTION

This service manual contains technical information which will allow service Personnels to understand and service the VHS Cassette Recoder Model NV-J35EO/EV/EI.
This service manual is based on NV-J35EG service manual.
Therefore please refer to the descriptions which are shown in NV-J35EG service manual Order No. VRD9001M103.

CONTENTS

TECHNICAL INFORMATION

1. COMPARISON CHART 1
2. ADJUSTMENT PROCEDURES 3
3. LUMINANCE & CHROMINANCE BLOCK DIAGRAM 5
4. POWER SCHEMATIC DIAGRAM 9
5. POWER C.B.A. 11
6. SYSTEM CONTROL & SERVO SCHEMATIC DIAGRAM 13
7. SUB MAIN C.B.A. 17
8. SUB MAIN (SUB SYSTEM CONTROL) SCHEMATIC DIAGRAM 17
9. SUB MAIN (LUMINANCE & CHROMINANCE) SCHEMATIC DIAGRAM 21
10. LUMINANCE & CHROMINANCE SCHEMATIC DIAGRAM 26
11. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM 28
12. INPUT/OUTPUT PACK C.B.A. 30
13. HEAD AMP SCHEMATIC DIAGRAM 31
14. HEAD AMP C.B.A. 33
15. AUDIO SCHEMATIC DIAGRAM 34
16. CHANNEL SELECT SCHEMATIC DIAGRAM 37
17. TV DEMODULATOR PACK SCHEMATIC DIAGRAM 39
18. TV DEMODULATOR PACK C.B.A. 41
19. RF CONVERTER SCHEMATIC DIAGRAM (NV-J35EO/EV) 43
20. TIMER C.B.A. & OPERATION C.B.A. 45
21. TIMER & OPERATION SCHEMATIC DIAGRAM 49
22. MAIN C.B.A. 52
23. INTERCONNECTION SCHEMATIC DIAGRAM 55
24. EXPLODED VIEWS 57
25. ELECTRICAL REPLACEMENT PARTS LIST 59
26. VW-VPS5E PARTS LIST 84

REMARKS: NV-J35EV

1. It is possible to receive, record and playback colour broadcasts from East Germany (DDR) on this video recorder.
2. When a video tape that was recorded with a colour TV broadcast from Eest Germany on this VTR is played back on a SECAM (France) or on a PAL VTR, the picture may be in black and white.
3. When a video tape recorded on a SECAM (France) VTR or a SECAM (France) pre-recorded video tape is played back on this VTR, the picture is in black and white.

Technical Information

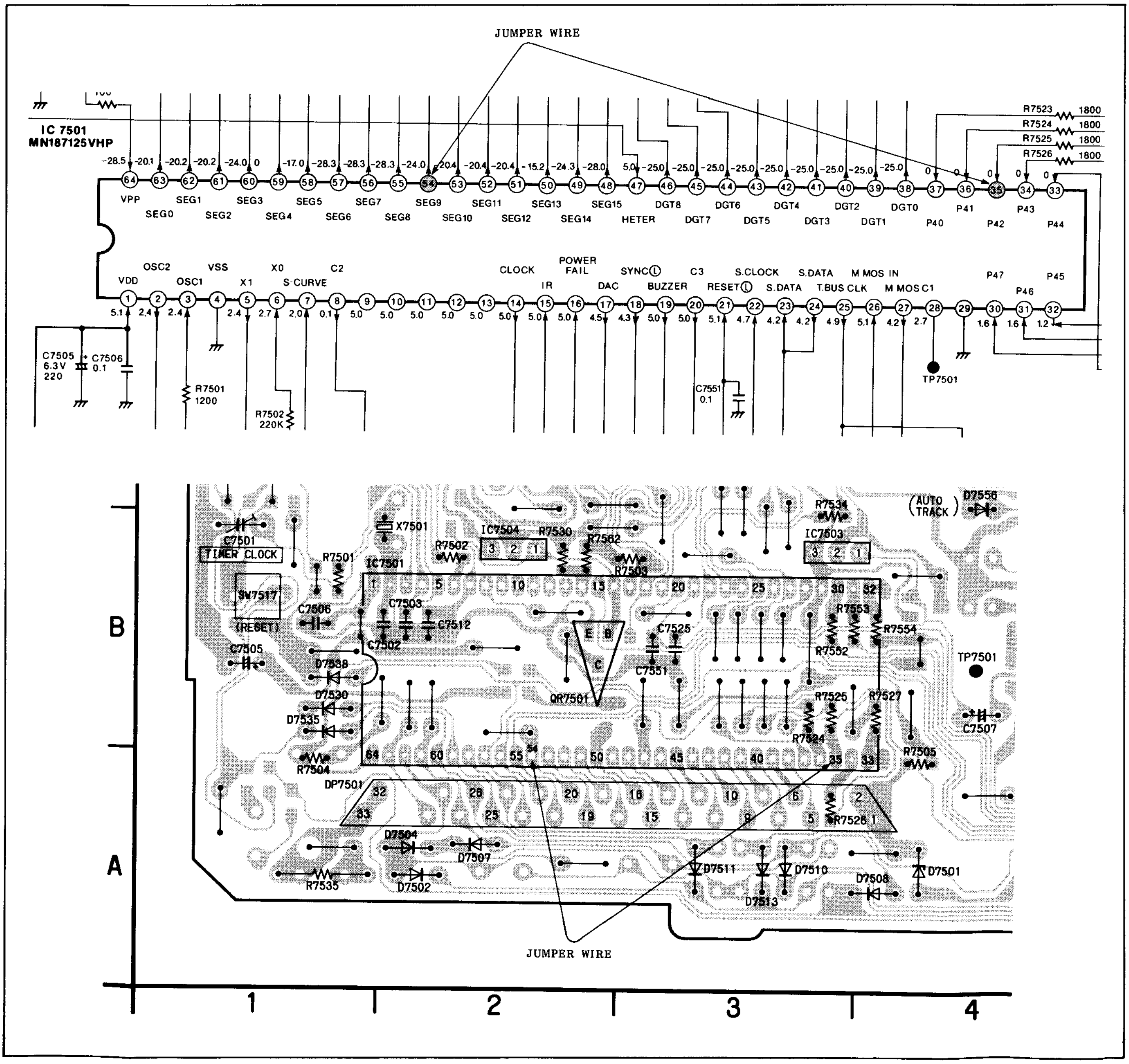
Please pay attention when you replace the memory IC IC7502 (MN12C261D) on Timer C.B.A.

Since the any data for new memory IC has been initialized at factory,the buzzer"on"data should be always set on the memory IC when your repairing.

The following steps must be performed after installing the new memory IC to Timer C.B.A.

Method (Contacting jumper wire on Timer C.B.A.)

1. Contact the lead wires between pin 54 and pin 35 on the Timer IC7501 twice by using jumper wire as shown below.
2. Confirm that "Beep-Beep" sound from the VTR warm you when setting any programmes.


JUMPER WIRE
IC 7501
MN187125VHP
VPP
SEG0
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
SEG7
SEG8
SEG9
SEG10
SEG11
SEG12
SEG13
SEG14
SEG15
HETER
DGT8
DGT7
DGT6
DGT5
DGT4
DGT3
DGT2
DGT1
DGT0
P40
P41
P42
P43
P44
VDD
OSC2
OSC1
VSS
X1
X0
S CURVE
C2
CLOCK
IR
POWER FAIL
DAC
SYNC①
BUZZER
C3
RESET①
S.CLOCK
S.DATA
S.DATA
T.BUS CLK
M MOS IN
M MOS C1
P47
P46
P45
R7523 1800
R7524 1800
R7525 1800
R7526 1800
C7505 6.3V 220
C7506 0.1
R7501 1200
R7502 220K
C7551 0.1
TP7501
C7501
TIMER CLOCK
X7501
R7502
IC7504
R7530
R7562
R7503
IC7503
R7534
AUTO TRACK
D7556
IC7501
SW7517
(RESET)
C7506
C7503
C7512
C7502
C7505
D7538
D7530
D7535
R7504
QR7501
E B C
C7525
C7551
R7553
R7552
R7554
R7525
R7527
R7524
R7505
C7507
DP7501
R7526
D7504
D7507
D7502
R7535
D7511
D7513
D7510
D7508
D7501
JUMPER WIRE
A
B
1
2
3
4

Subject: How to install the VPS DECODER (VW-VPS5E: NV-J35EO/EI)

To install the optional VPS Decoder (VW-VPS5), consult your Panasonic dealer.

❶ Do not connect the video recorder to the mains outlet.

❷ Unfasten the two screws of the cabinet cover and remove the cabinet cover.

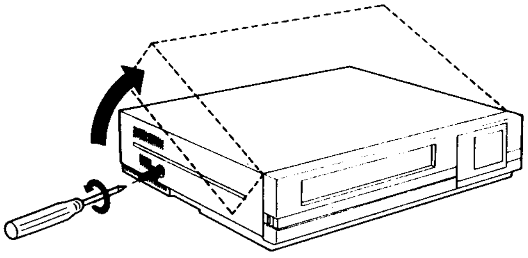
❸ Confirm the position where the VPS Decoder is to be inserted on the main printed circuit board and melt and remove the solder in the rectangular hole.

❹ Remove the two screws on the back of the unit and the three screws on the upper side of the main printed circuit board. Push down the clip at an angle, so that the main printed circuit board will be released.

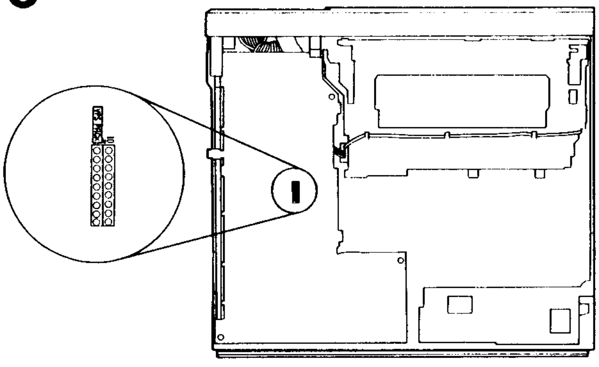
❺ Lift the main printed circuiit board up into vertical position, insert the VPS Decoder and solder it.

❻ Reassemble the VTR.

❷



❸



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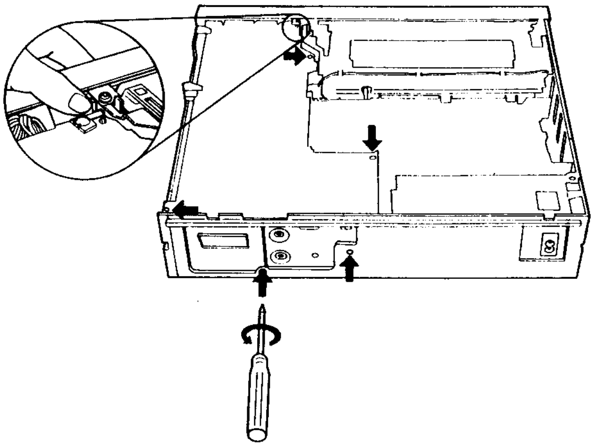

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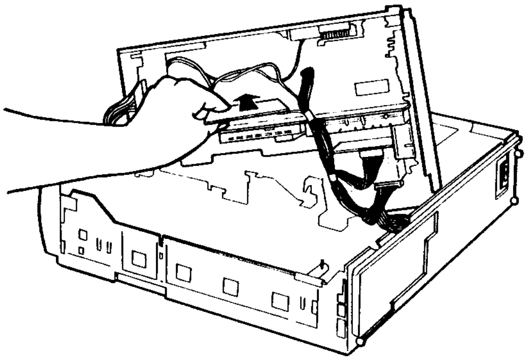


1. COMPARISON CHART

This chart is described different part from the basic model NV-J35EG to the new model NV-J35EO/EV/EI.

Notes:IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components, use only the same type.

Mechanical Replacement Parts (A)...Added, (C)...Changed, (D)...Deleted

Ref. No	NV-J35EG Part No.	NV-J35EO/EV/EI Part No.	Pcs/ Set	Part Name & Description	Remarks
300(4)	VYP3043	VGM0624	1	TOP PANEL	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
301(4)	VHD0304	VHD0304	4→2	TOP PANEL SCREW	(C)NV-J35EO/EV
302(4)	VKU0309	VKU0245	1	BOTTOM PLATE	(C)NV-J35EO/EV
311(4)	VHD0059	VHD0059	7→4	BOTTOM PLATE SCREW	(C)NV-J35EO/EV
322(4)	------	VMP1994	0→1	TOP HOLDER ANGLE (RR)	(A)NV-J35EO/EV
324(4)	VMP1037	------	3→0	TOP HOLDER ANGLE (L)	(D)NV-J35EO/EV
329(4)	VMC0460	------	1→0	EARTH SPRING	(D)NV-J35EO/EV/EI
336(4)	VYC0397	VYC0398	1	DOOR PANEL UNIT	(C)NV-J35EO/EV
337(4)	VYP3147	VYP3186	1	KEY BOARD PANEL UNIT	(C)NV-J35EO/EV
343(4)	VMC0524	VMC0459	1	DOOR EARTH SPRING	(C)NV-J35EO/EV
400(5)	VQT3621	VQT3621	1	OPERATING INSTRUCTIONS (ENGLISH/GERMAN/FRENCH)	NV-J35EO/EV/EI<!> [SUPPLIED FROM M.B.V]
400(5)	VQT3706	VQT3669	1	OPERATING INSTRUCTIONS (ITALIAN)	(C)NV-J35EI/EV<!> [SUPPLIED FROM M.B.V]
		VQT3671	1	OPERATING INSTRUCTIONS (SPANISH/DUTCH/PORTUGUESE)	(C)NV-J35EO<!> [SUPPLIED FROM M.B.V]
		VQT3672	1	OPERATING INSTRUCTIONS (FINNISH/SWEDISH/DANISH)	(C)NV-J35EO<!> [SUPPLIED FROM M.B.V]
406(5)	VPN2822	VPN2441	1	CUSHION (R)	(C)NV-J35EV
407(5)	VPN2823	VPN2442	1	CUSHION (L)	(C)NV-J35EV
408(5)	VPG5377	VPG5380	1	PACKING CASE	(C)NV-J35EO [SUPPLIED FROM M.B.V]
		VPG5389	1	PACKING CASE	(C)NV-J35EV
		VPG5378	1	PACKING CASE	(C)NV-J35EI [SUPPLIED FROM M.B.V]
409(5)	-----	VPN2477	1	CUSHION(TOP)	(A)NV-J35EO [SUPPLIED FROM M.B.V]

Electrical Replacement Parts (A)...Added, (C)...Changed, (D)...Deleted

Ref. No	NV-J35EG Part No.	NV-J35EO/EV/EI Part No.	Pcs/ Set	Part Name & Description	Remarks
	VEP03764AB	VEP03764AF	1	MAIN C.B.A.	(C)NV-J35EO<!> [SUPPLIED FROM M.B.V]
		VEP03764AE	1	MAIN C.B.A.	(C)NV-J35EV<!>
		VEP03764AD	1	MAIN C.B.A.	(C)NV-J35EI<!> [SUPPLIED FROM M.B.V]
	VEP03594B	VEP03594D	1	INPUT/OUTPUT PACK C.B.A.	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
	VEP03765AB	VEP03765AE	1	SUB MAIN C.B.A.	(C)NV-J35EO [SUPPLIED FROM M.B.V]
		VEP03765AD	1	SUB MAIN C.B.A.	(C)NV-J35EV
		VEP03765AC	1	SUB MAIN C.B.A.	(C)NV-J35EI [SUPPLIED FROM M.B.V]
	VEP03452F	------	1→0	DDR SECAM PACK C.B.A.	(D)NV-J35EO/EI
	VEP07538D	------	1→0	VPS PACK C.B.A.	(D)NV-J35EO/EI
	VEP07596C	VEP07596D	1	TV DEMODULATOR PACK C.B.A.	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
	VEP05137D	VEP05137A	1	HEAD AMP C.B.A.	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
	VEP07598B	VEP07598C	1	TIMER C.B.A.	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
	VEP06569AC	VEP06569C	1	KEY BOARD SW C.B.A.	(C)NV-J35EO/EV [SUPPLIED FROM M.B.V]
	VEP01420AB	VEP01420AC	1	POWER C.B.A.	(C)NV-J35EO/EV<!> [SUPPLIED FROM M.B.V]
	ENC17976	ENC17974	1	RF CONVERTER	(C)NV-J35EO/EV<!> [SUPPLIED FROM M.B.V]
	VEQ1043	------	1→0	RF CONVERTER	(D)NV-J35EO/EV<!>

2. ADJUSTMENT PROCEDURES

This section is difference between NV-J35EG and NV-J35EO/EV/EI.

2-1. DISASSEMBLY METHOD

2-1-2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL UNIT

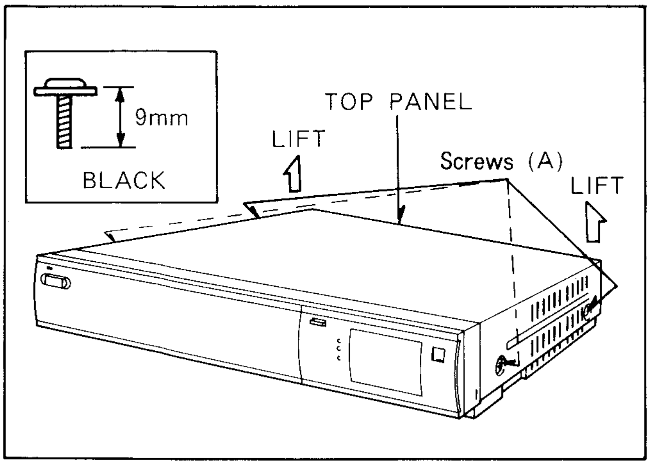
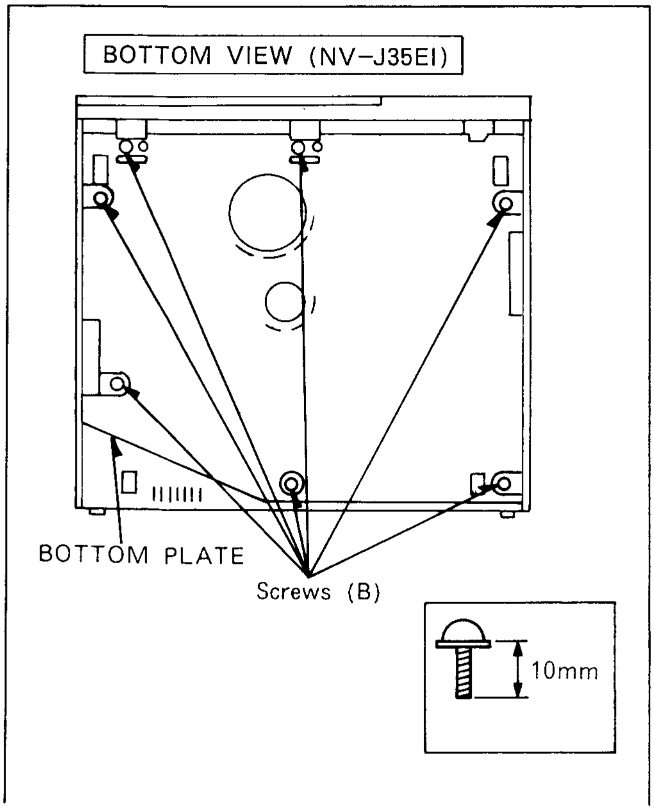

9mm
BLACK
TOP PANEL
LIFT
Screws (A)
LIFT

Fig. D2

Remove ... 4 Screws (A) : NV-J35EI
2 Screws (A) : NV-J35EO/EV

2. REMOVAL OF THE BOTTOM PLATE


BOTTOM VIEW (NV-J35EI)
BOTTOM PLATE
Screws (B)
10mm

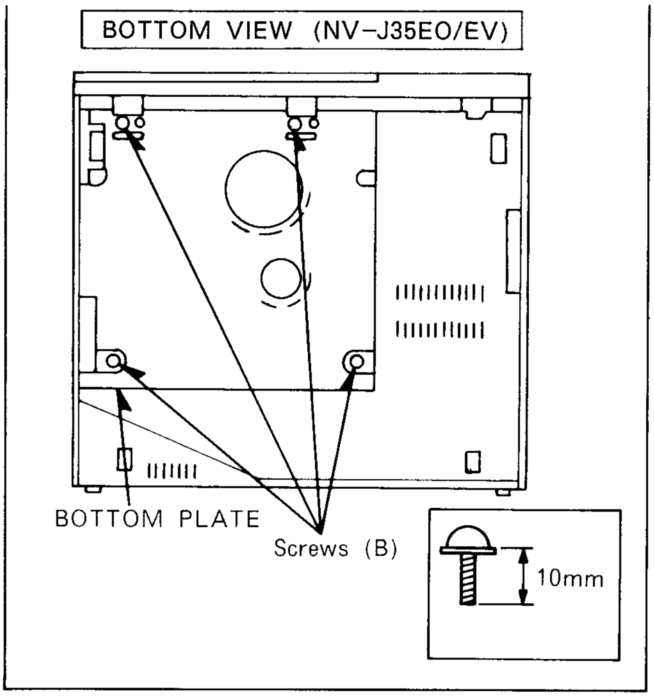

BOTTOM VIEW (NV-J35EO/EV)
BOTTOM PLATE
Screws (B)
10mm

Fig. D3

Remove ... 7 Screws (B) : NV-J35EI
4 Screws (B) : NV-J35EO/EV

2-3. ELECTRICAL ADJUSTMENT PROCEDURES

2-3-3. PG SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2001 I/O PACK-13 (VIDEO OUT)	VR2001	PLAY	
TAPE	**M. EQ.**	**SPEC.**	
ALIGNMENT TAPE VFJ8125H3F	OSCILLO-SCOPE	6.5+-0.5H(NV-J35EI) 7.0+-0.5H(NV-J35EO/EV)	

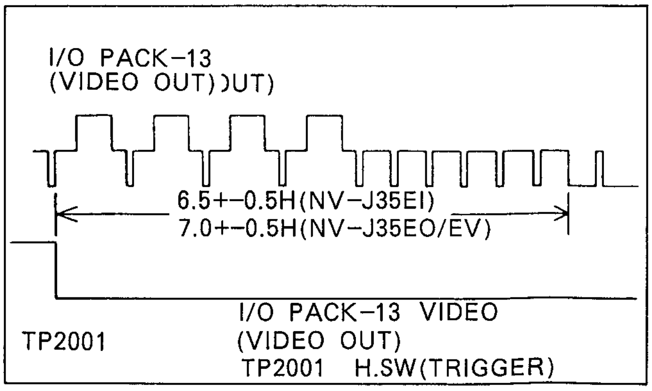

I/O PACK-13
(VIDEO OUT))UT)
6.5+-0.5H(NV-J35EI)
7.0+-0.5H(NV-J35EO/EV)
TP2001
I/O PACK-13 VIDEO
(VIDEO OUT)
TP2001 H.SW(TRIGGER)

Fig. E3

2-3-10. Y-NR BALANCE ADJUSTMENT

(NV-J35EI)

TP	ADJ.	MODE	INPUT
C306-(+)	VR302	SELF RECORDING	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	WAVE-FORM IS MINIMIZED	

1 .Connect the oscilloscope to (+) side of C306 on Sub Main C.B.A..

2 .Adjust VR302 so that the waveform is minimized as shown below.

(NV-J35EO/EV)

TP	ADJ.	MODE	INPUT
IC302-21	VR302	RECORDING (LP MODE)	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	WAVE-FORM IS MINIMIZED	

1. Record the Colour Bar in LP Mode.
2. Connect the Oscilloscope to IC302-21.
3. Adjust VR302 so that waveform becomes minimum.

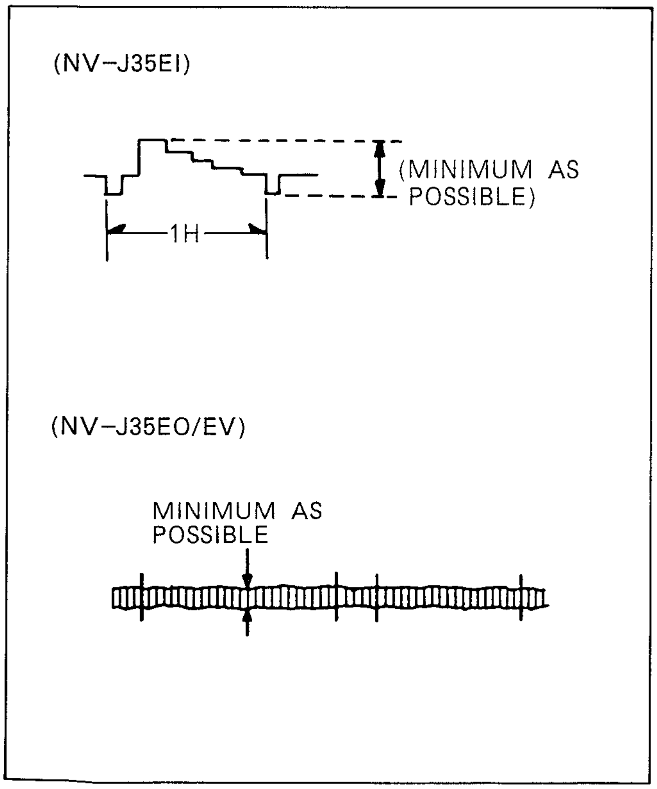


Fig. E9

2-3-11.Y-NR GAIN ADJUSTMENT (NV-J35EO/EV)

TP	ADJ.	MODE	INPUT
VIDEO LINE OUT (TP3002)	VR301	SELF RECORDING AND PLAYBACK (LP MODE)	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	1.0+-0.05 (Vp-p) (75ohm Terminated)	

1. Record the Colour bar in LP Mode.
2. Connect the oscilloscope to VIDEO LINE OUT.
3. Adjust VR301 so that the Video E-E level becomes 1.0+-0.05 (Vp-p).
4. Playback the just recorded portion.
5. Confirm the Video Playback level which is 1.0+-0.05(Vp-p).
6. If the Video Playback level is out of spec., adjust VR301 so that it becomes 1.0+-0.1(Vp-p) and confirm the Video E-E level.

Achieve this adjustment, Video OUT terminal must be terminated with 75ohm.

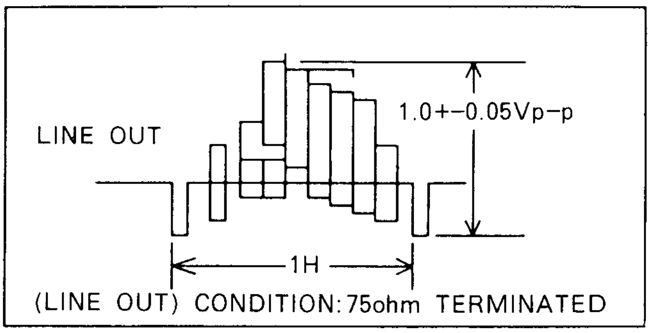


Fig. E10

2-3-12.CHROMA RECURSIVE ADJUSTMENT (NV-J35EO/EV)

TP	ADJ.	MODE	INPUT
IC302-8	VR801 VR802	SELF RECORDING AND PLAYPACK	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	AMPLITUDE IS MINIMIZED	

1. Record the Colour Bar in SP Mode and playback the just recorded portion.
2. Connect the Oscilloscope to IC302-8.
3. Adjust VR801 and VR802 alternately so that the Chrominance Waveform Amplitude becomes minimum.

Achieve this adjustment after finishing adjustments in REC mode.

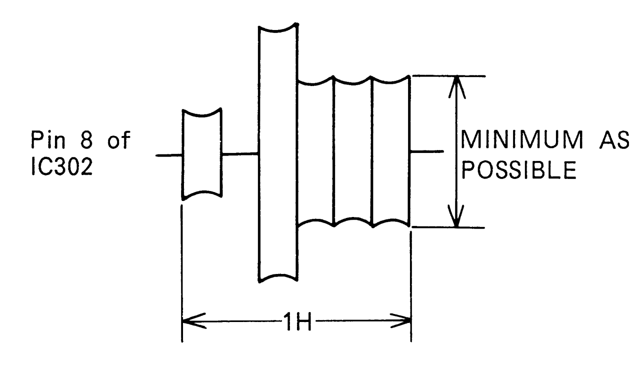

Pin 8 of
IC302
MINIMUM AS
POSSIBLE
1H

Fig. E11

2-3-13.SECAM KILLER ADJUSTMENT (NV-J35EV)

TP	ADJ.	MODE	INPUT
IC851-11	T851	RECORDING	SECAM VIDEO SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	Portion A is peak to negative direction.	

1. Adjust T851 so that the portion "A" becomes maximum waveform.

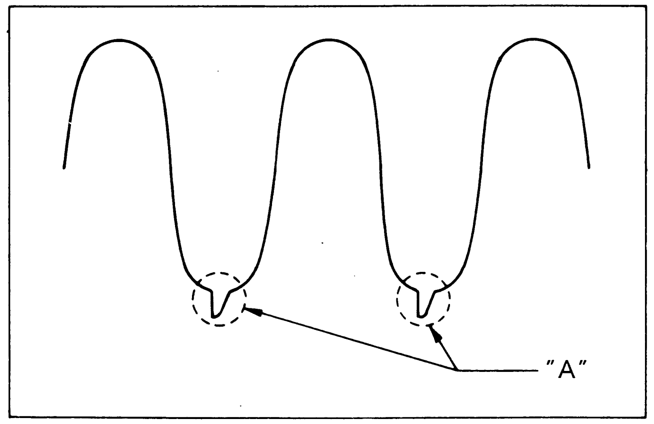
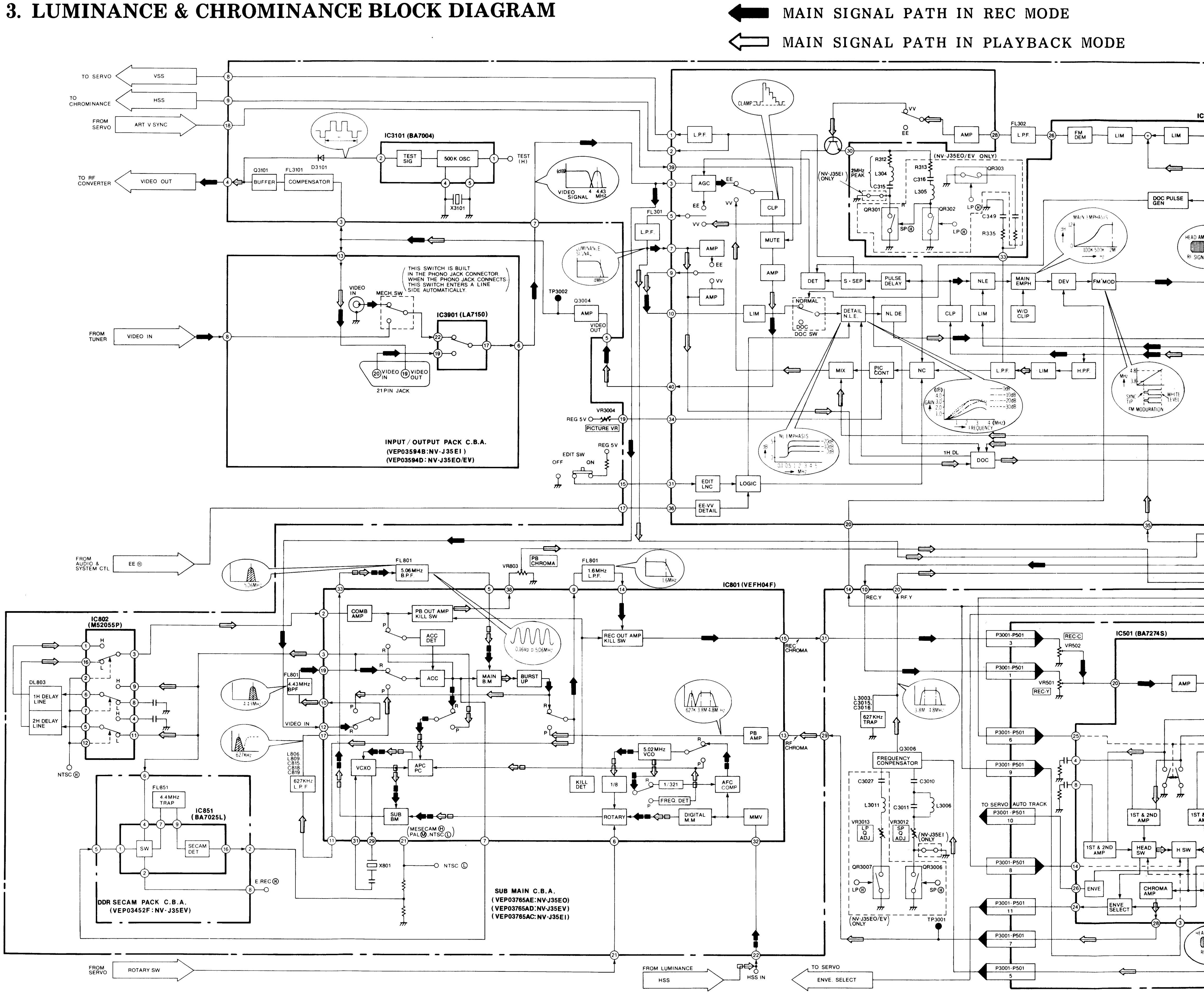


Fig. E12

3. LUMINANCE & CHROMINANCE BLOCK DIAGRAM

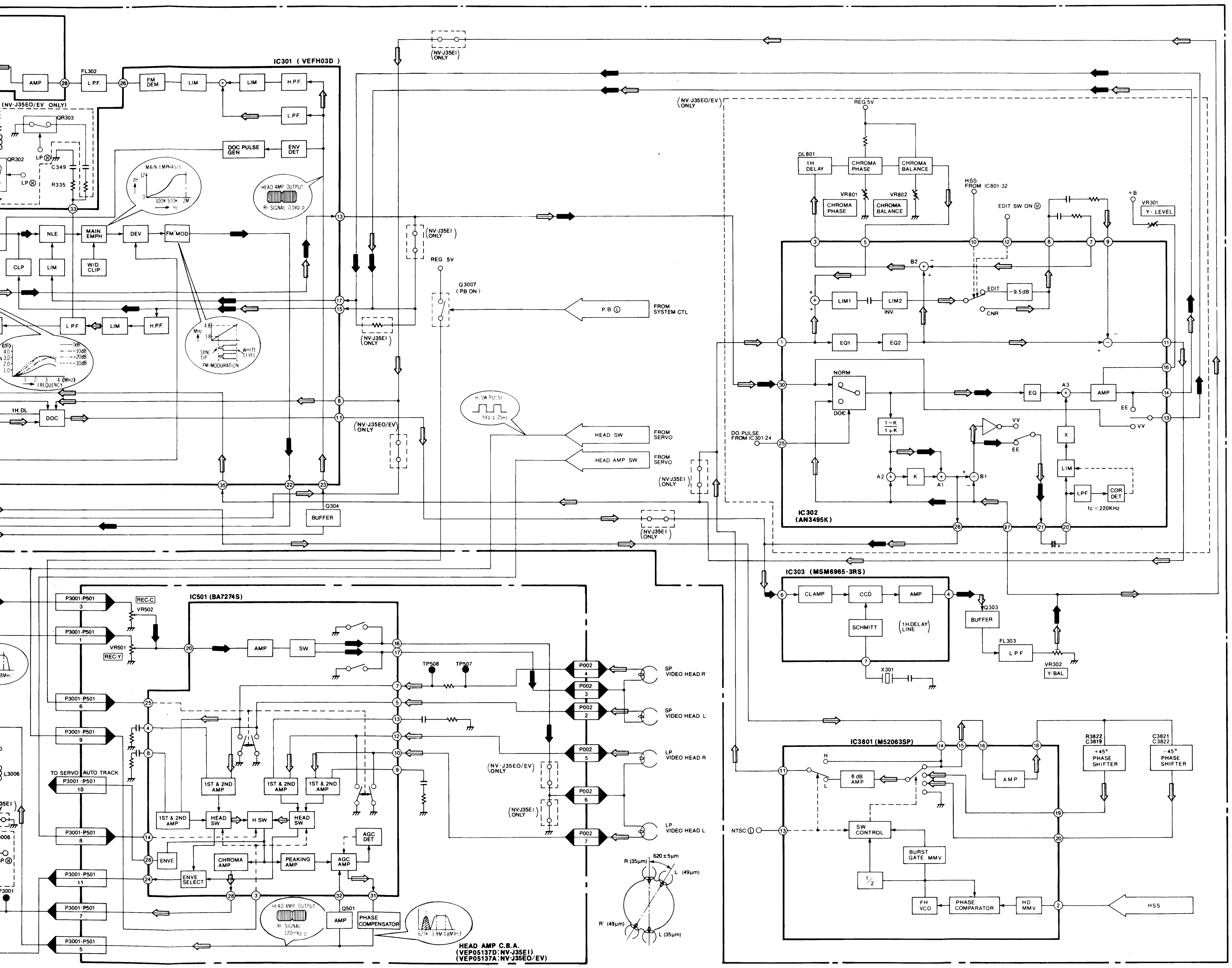

MAIN SIGNAL PATH IN REC MODE
MAIN SIGNAL PATH IN PLAYBACK MODE
TO SERVO
VSS
TO CHROMINANCE
HSS
FROM SERVO
ART V SYNC
TO RF CONVERTER
VIDEO OUT
FROM TUNER
VIDEO IN
FROM AUDIO & SYSTEM CTL
EE Ⓗ
FROM SERVO
ROTARY SW
FROM LUMINANCE
HSS
HSS IN
TO SERVO
ENVE. SELECT
IC3101 (BA7004)
TEST SIG
500K OSC
TEST (H)
X3101
Q3101
BUFFER
FL3101
COMPENSATOR
D3101
VIDEO SIGNAL
THIS SWITCH IS BUILT IN THE PHONO JACK CONNECTOR WHEN THE PHONO JACK CONNECTS THIS SWITCH ENTERS A LINE SIDE AUTOMATICALLY.
VIDEO IN
MECH SW
IC3901 (LA7150)
VIDEO IN
VIDEO OUT
21 PIN JACK
TP3002
Q3004
AMP
VIDEO OUT
VR3004
REG 5V
PICTURE VR
EDIT SW
OFF
ON
INPUT / OUTPUT PACK C.B.A.
(VEP03594B: NV-J35EI)
(VEP03594D: NV-J35EO/EV)
L.P.F
AGC
CLP
MUTE
AMP
LIM
FL301
CLAMP
LUMINANCE SIGNAL
2MHz
EE
VV
NORMAL
DOC
DOC SW
DETAIL N.L.E.
NL DE
DET
S-SEP
PULSE DELAY
MIX
PIC CONT
NC
EDIT LNC
LOGIC
EE-VV DETAIL
NL EMPHASIS
GAIN
FREQUENCY
1H DL
DOC
(NV-J35EI ONLY)
2MHz PEAK
R312
L304
C315
QR301
R313
C316
L305
(NV-J35EO/EV ONLY)
QR303
QR302
LP Ⓗ
C349
R335
SP Ⓗ
AMP
FL302
FM DEM
LIM
DOC PULSE GEN
NLE
MAIN EMPH
DEV
FM MOD
W/D CLIP
H.P.F
MAIN EMPHASIS
SYNC TIP
WHITE LEVEL
FM MODURATION
FL801
5.06MHz B.P.F
VR803
PB CHROMA
1.6MHz L.P.F
IC801 (VEFH04F)
COMB AMP
PB OUT AMP KILL SW
ACC DET
ACC
MAIN B.M
BURST UP
REC OUT AMP KILL SW
REC CHROMA
RF CHROMA
PB AMP
VCXO
APC PC
SUB BM
5.02MHz VCO
1/321
FREQ. DET
AFC COMP
KILL DET
1/8
ROTARY
DIGITAL M.M
MMV
(MESECAM Ⓗ PAL Ⓜ NTSC Ⓛ)
X801
NTSC Ⓛ
0.16V0 ≒ 5.06MHz
627K 3.8M 4.8M
4.43MHz BPF
627KHz L.P.F
L806 L809 C815 C818 C819
VIDEO IN
IC802 (M52055P)
DL803
1H DELAY LINE
2H DELAY LINE
NTSC Ⓗ
FL851
4.4MHz TRAP
IC851 (BA7025L)
SW
SECAM DET
E.REC Ⓗ
DDR SECAM PACK C.B.A.
(VEP03452F: NV-J35EV)
SUB MAIN C.B.A.
(VEP03765AE: NV-J35EO)
(VEP03765AD: NV-J35EV)
(VEP03765AC: NV-J35EI)
REC.Y
RF Y
L3003, C3015, C3016
627KHz TRAP
Q3006
FREQUENCY CONPENSATOR
C3027
C3010
L3011
C3011
L3006
VR3013
LP Q ADJ
VR3012
SP Q ADJ
(NV-J35EI ONLY)
QR3007
QR3006
LP Ⓗ
SP Ⓗ
(NV-J35EO/EV ONLY)
TP3001
P3001-P501
REC-C
VR502
VR501
REC-Y
IC501 (BA7274S)
AMP
TO SERVO AUTO TRACK
1ST & 2ND AMP
HEAD SW
H SW
ENVE
ENVE SELECT
CHROMA AMP

TH IN REC MODE

TH IN PLAYBACK MODE

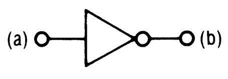
◀■ 5.06MHz PHASE ROTATIONAL SIGNAL IN REC MODE

◁□ 5.06MHz PHASE ROTATIONAL SIGNAL IN PLAYBACK MODE


IC301 (VEFH03D)
AMP
FL302
L.P.F.
FM DEM
LIM
H.P.F.
L.P.F.
DOC PULSE GEN
ENV DET
(NV-J35EO/EV ONLY)
QR303
QR302
C349
R335
LP ⓗ
MAIN EMPHASIS
HEAD AMP OUTPUT
RF SIGNAL 0.5Vp-p
NLE
MAIN EMPH
DEV
FM MOD
CLP
LIM
W/D CLIP
L.P.F.
LIM
H.P.F.
SYNC TIP
WHITE LEVEL
FM MODURATION
FREQUENCY
1H DL
DOC
Q304
BUFFER
(NV-J35EI) ONLY
(NV-J35EO/EV) ONLY
REG 5V
Q3007 (PB ON)
P.B ①
FROM SYSTEM CTL
H.SW PULSE
HEAD SW
FROM SERVO
HEAD AMP SW
FROM SERVO
DL801
1H DELAY
CHROMA PHASE
CHROMA BALANCE
VR801
VR802
HSS FROM IC801-32
EDIT SW ON ⓗ
VR301
Y- LEVEL
B2
LIM1
LIM2
INV
EDIT
-9.5dB
CNR
EQ1
EQ2
NORM
DOC
EQ
A3
AMP
EE
VV
DO PULSE FROM IC301-24
1-K / 1+K
K
A1
A2
B1
X
LIM
LPF
COR DET
fc ≒ 220KHz
IC302 (AN3495K)
IC303 (MSM6965-3RS)
CLAMP
CCD
AMP
SCHMITT
(1H DELAY LINE)
X301
Q303
BUFFER
FL303
L.P.F
VR302
Y-BAL
IC501 (BA7274S)
P3001-P501
REC-C
VR502
VR501
REC-Y
AMP
SW
TP508
TP507
P002
SP VIDEO HEAD R
SP VIDEO HEAD L
LP VIDEO HEAD R
LP VIDEO HEAD L
TO SERVO
AUTO TRACK
1ST & 2ND AMP
HEAD SW
H SW
AGC DET
ENVE
CHROMA AMP
PEAKING AMP
AGC AMP
ENVE SELECT
Q501
AMP
PHASE COMPENSATOR
HEAD AMP OUTPUT
RF SIGNAL 120mVp-p
627k 3.8M 4.8MHz
HEAD AMP C.B.A.
(VEP05137D:NV-J35EI)
(VEP05137A:NV-J35EO/EV)
R (35μm)
620±5μm
L (49μm)
R' (49μm)
L (35μm)
IC3801 (M52063SP)
6 dB AMP
AMP
R3822 C3819
+45° PHASE SHIFTER
C3821 C3822
-45° PHASE SHIFTER
NTSC ⓛ
SW CONTROL
BURST GATE MMV
1/2
FH VCO
PHASE COMPARATOR
HD MMV
HSS

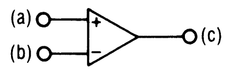
SYMBOL	TRUTH VALUE TABLE

INVERTER



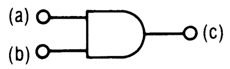
IN	(a)	H	L
OUT	(b)	L	H

COMPARTOR



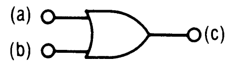
IN	(a) (b)	(a) > (b)	(a) < (b)
OUT	(c)	H	L

AND CIRCUIT



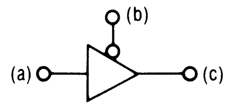
IN	(a)	L	L	H	H
	(b)	L	H	L	H
OUT	(c)	L	L	L	H

OR CIRCUIT



IN	(a)	L	L	H	H
	(b)	L	H	L	H
OUT	(c)	L	H	H	H

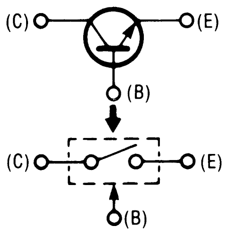
THREE STATES BUFFER



IN	(a)	H	L	H or L
	(b)	L	L	H
OUT	(c)	H	L	※

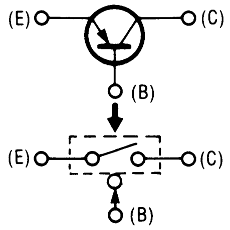
※ High Impedance

TR. SW (NPN TYPE)



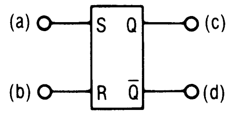
BASE	H	L
TR. SW	ON	OFF

TR. SW (PNP TYPE)



BASE	H	L
TR. SW	OFF	ON

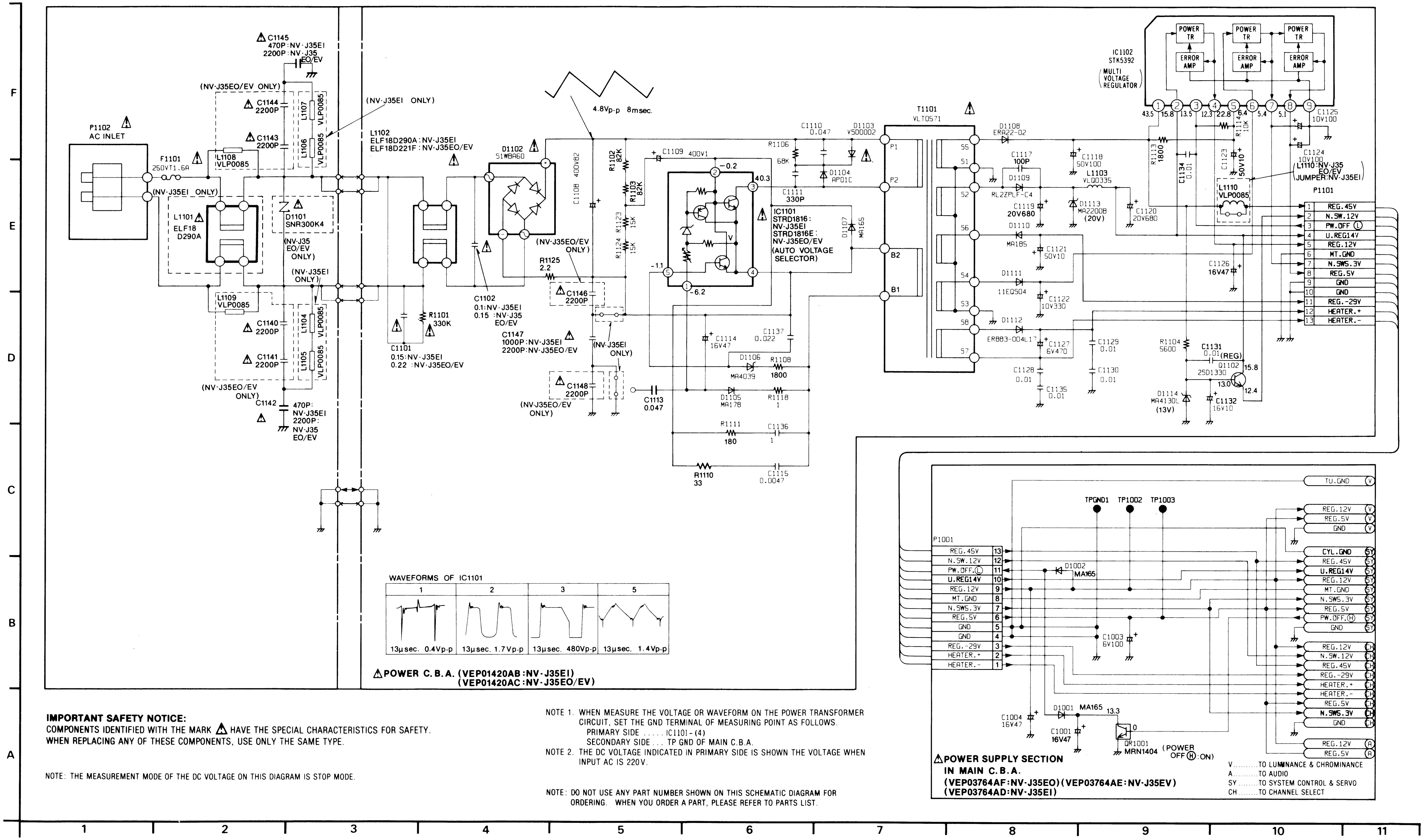
R-S TYPE FLIP-FLOP



IN	(a)	L	L	⊓
	(b)	L	⊓	L
OUT	(c)	※	L	H
	(d)	◆	H	L

※ Initial condition is maintained.
◆ Initial condition is reverced.

4. POWER SCHEMATIC DIAGRAM


F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
P1102
AC INLET
F1101
250VT1.6A
(NV-J35EI ONLY)
L1101
ELF18
D290A
L1108
VLP0085
L1109
VLP0085
C1145
470P:NV-J35EI
2200P:NV-J35
EO/EV
(NV-J35EO/EV ONLY)
C1144
2200P
C1143
2200P
L1107
L1106
VLP0085
D1101
SNR300K4
(NV-J35
EO/EV
ONLY)
(NV-J35EI
ONLY)
C1140
2200P
C1141
2200P
L1104
L1105
(NV-J35EO/EV
ONLY)
C1142
470P:
NV-J35EI
2200P:
NV-J35
EO/EV
(NV-J35EI ONLY)
L1102
ELF18D290A:NV-J35EI
ELF18D221F:NV-J35EO/EV
C1101
0.15:NV-J35EI
0.22 :NV-J35EO/EV
R1101
330K
C1102
0.1:NV-J35EI
0.15 :NV-J35
EO/EV
C1147
1000P:NV-J35EI
2200P:NV-J35EO/EV
D1102
S1WBA60
4.8Vp-p 8msec.
C1108 400V82
R1125
2.2
(NV-J35EO/EV
ONLY)
C1146
2200P
(NV-J35EI
ONLY)
C1148
2200P
(NV-J35EO/EV
ONLY)
C1113
0.047
R1102
82K
R1103
82K
R1123
15K
R1124
15K
C1109 400V1
-0.2
40.3
-11
-6.2
IC1101
STRD1816:
NV-J35EI
STRD1816E:
NV-J35EO/EV
(AUTO VOLTAGE
SELECTOR)
C1114
16V47
C1137
0.022
D1106
MA4039
R1108
1800
D1105
MA178
R1118
1
R1111
180
C1136
1
R1110
33
C1115
0.0047
C1110
0.047
D1103
V500D02
R1106
68K
D1104
AP01C
C1111
330P
D1107
MA165
T1101
VLT0571
P1
P2
B2
B1
S5
S1
S2
S6
S4
S3
S8
S7
D1108
ERA22-02
C1117
100P
D1109
RL2ZPLF-C4
C1119
20V680
D1110
MA185
C1121
50V10
D1111
11EQS04
C1122
10V330
D1112
ERB83-004L17
C1127
6V470
C1128
0.01
C1135
0.01
C1118
50V100
L1103
VLQ0335
D1113
MA2200B
(20V)
C1120
20V680
C1129
0.01
C1130
0.01
IC1102
STK5392
(MULTI
VOLTAGE
REGULATOR)
POWER
TR
ERROR
AMP
43.5
15.8
13.5
12.3
22.8
6.4
5.4
5.1
R1113
1800
C1134
0.01
C1123
50V10
R1114
10K
C1125
10V100
C1124
10V100
L1110:NV-J35
EO/EV
JUMPER:NV-J35EI
L1110
VLP0085
C1126
16V47
R1104
5600
C1131
0.01
(REG)
Q1102
2SD1330
15.8
13.0
12.4
D1114
MA4130L
(13V)
C1132
16V10
P1101
1 REG.45V
2 N.SW.12V
3 PW.OFF Ⓛ
4 U.REG14V
5 REG.12V
6 MT.GND
7 N.SW5.3V
8 REG.5V
9 GND
10 GND
11 REG.-29V
12 HEATER.+
13 HEATER.-
WAVEFORMS OF IC1101
1
2
3
5
13μsec. 0.4Vp-p
13μsec. 1.7Vp-p
13μsec. 480Vp-p
13μsec. 1.4Vp-p
TPGND1
TP1002
TP1003
P1001
REG.45V 13
N.SW.12V 12
PW.OFF.Ⓛ 11
U.REG14V 10
REG.12V 9
MT.GND 8
N.SW5.3V 7
REG.5V 6
GND 5
GND 4
REG.-29V 3
HEATER.+ 2
HEATER.- 1
D1002
MA165
C1003
6V100
C1004
16V47
D1001 MA165
13.3
C1001
16V47
0
QR1001
MRN1404
(POWER
OFF Ⓗ:ON)
TU.GND Ⓥ
REG.12V Ⓥ
REG.5V Ⓥ
GND Ⓥ
CYL.GND ⓈⓎ
REG.45V ⓈⓎ
U.REG14V ⓈⓎ
REG.12V ⓈⓎ
MT.GND ⓈⓎ
N.SW5.3V ⓈⓎ
REG.5V ⓈⓎ
PW.OFF.Ⓗ ⓈⓎ
GND ⓈⓎ
REG.12V ⒸⒽ
N.SW.12V ⒸⒽ
REG.45V ⒸⒽ
REG.-29V ⒸⒽ
HEATER.+ ⒸⒽ
HEATER.- ⒸⒽ
REG.5V ⒸⒽ
N.SW5.3V ⒸⒽ
GND ⒸⒽ
REG.12V Ⓐ
REG.5V Ⓐ

⚠POWER C.B.A. (VEP01420AB:NV-J35EI)
(VEP01420AC:NV-J35EO/EV)

⚠POWER SUPPLY SECTION
IN MAIN C.B.A.
(VEP03764AF:NV-J35EO)(VEP03764AE:NV-J35EV)
(VEP03764AD:NV-J35EI)

V........TO LUMINANCE & CHROMINANCE
A........TO AUDIO
SY........TO SYSTEM CONTROL & SERVO
CH........TO CHANNEL SELECT

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

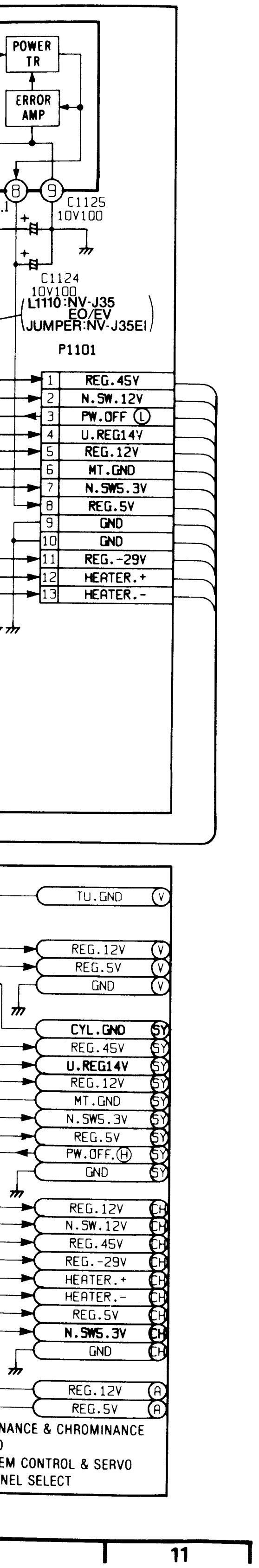
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ...... IC1101-(4)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.
NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

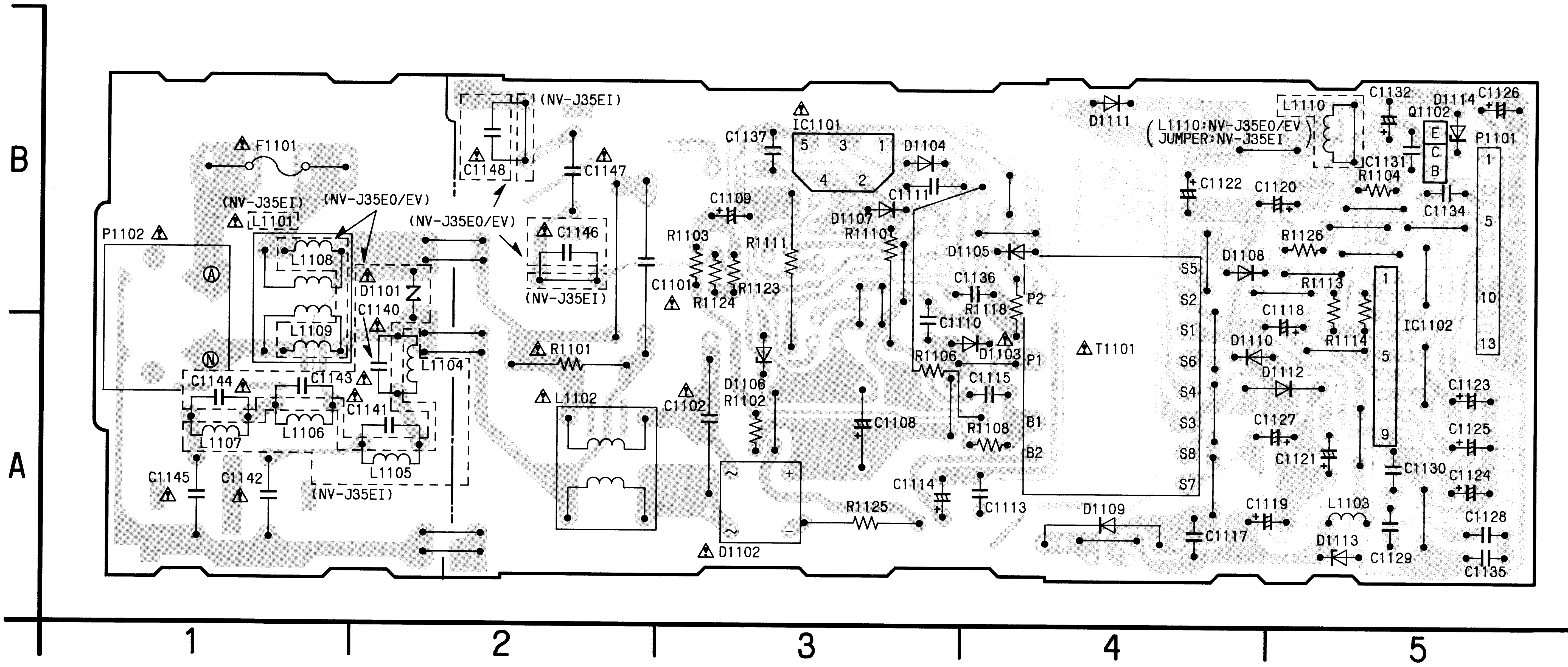
Back Page:
LUMINANCE & CHROMINANCE Section

5. POWER C.B.A. (VEP01420AC: NV-J35EO/EV) (VEP01420AB: NV-J35EI)


POWER TR
ERROR AMP
8
9
C1125
10V100
C1124
10V100
L1110:NV-J35 EO/EV
JUMPER:NV-J35EI
P1101
1 REG.45V
2 N.SW.12V
3 PW.OFF (L)
4 U.REG14V
5 REG.12V
6 MT.GND
7 N.SWS.3V
8 REG.5V
9 GND
10 GND
11 REG.-29V
12 HEATER.+
13 HEATER.-
TU.GND
REG.12V
REG.5V
GND
CYL.GND
REG.45V
U.REG14V
REG.12V
MT.GND
N.SWS.3V
REG.5V
PW.OFF.(H)
GND
REG.12V
N.SW.12V
REG.45V
REG.-29V
HEATER.+
HEATER.-
REG.5V
N.SWS.3V
GND
REG.12V
REG.5V
NANCE & CHROMINANCE
EM CONTROL & SERVO
NEL SELECT
11

POWER C.B.A.	
Transistor	
Q1102	B-5
Integrated Circuit	
IC1101 IC1102	B-3 B-5
Connector	
P1101 P1102	C-5 B-1

ADDRESS INFORMATION

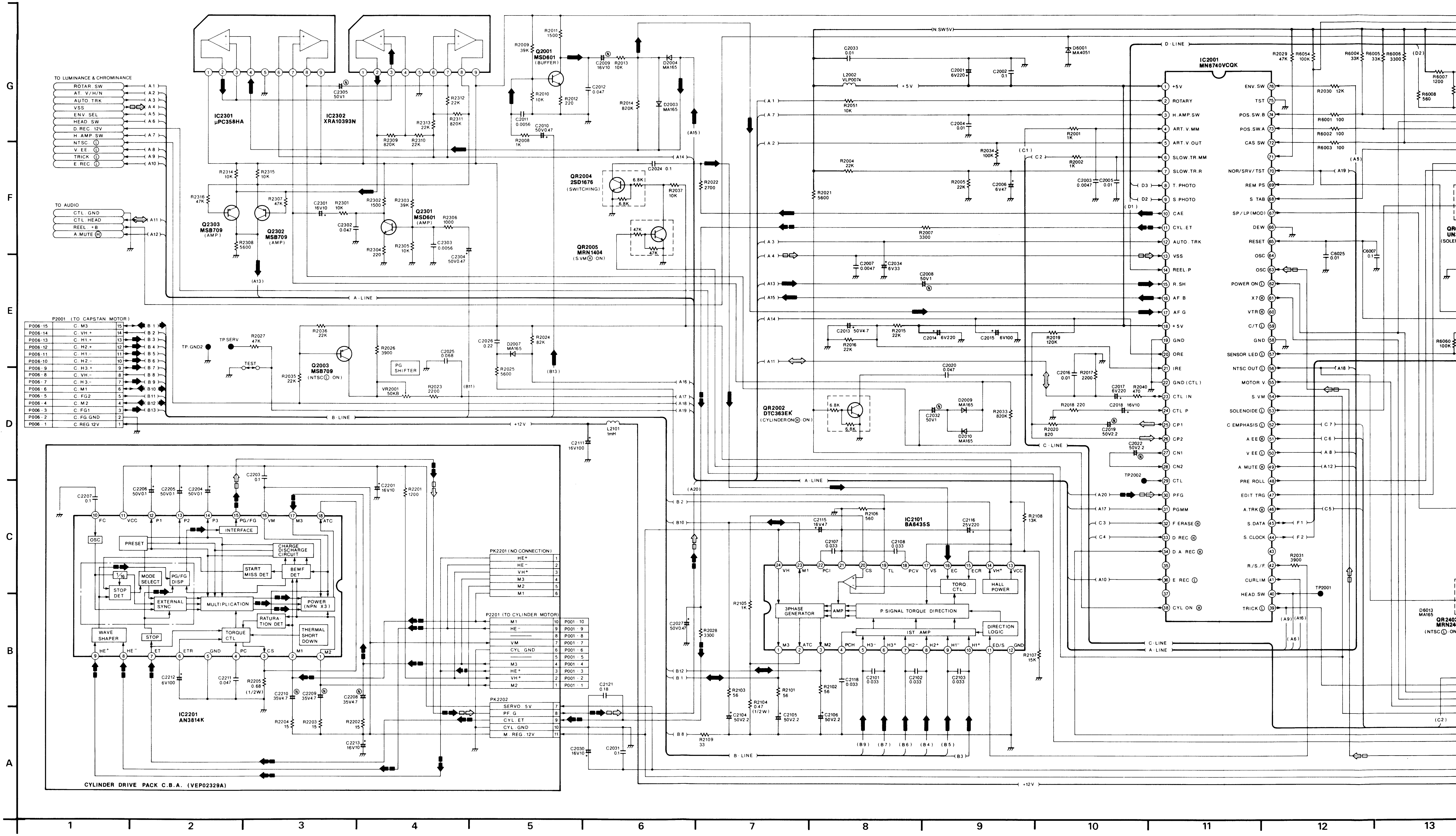

B
A
1
2
3
4
5
F1101
(NV-J35EI)
(NV-J35EO/EV)
L1101
P1102
L1108
L1109
D1101
C1140
C1144
C1143
C1141
L1107
L1106
L1104
L1105
C1145
C1142
C1148
C1147
C1146
R1101
L1102
C1101
R1103
R1124
R1123
R1111
C1102
R1102
D1106
D1102
C1137
IC1101
D1104
C1109
C1111
D1107
R1110
D1105
C1136
R1118
C1110
R1106
D1103
C1115
C1108
R1108
C1114
C1113
R1125
P2
P1
B1
B2
T1101
S5
S2
S1
S6
S4
S3
S8
S7
D1111
L1110:NV-J35EO/EV
JUMPER:NV-J35EI
L1110
C1132
D1114
C1126
Q1102
E
C
B
P1101
C1131
R1104
C1134
C1122
C1120
R1126
D1108
R1113
C1118
D1110
R1114
IC1102
D1112
C1127
C1121
C1130
C1123
C1125
C1124
C1119
L1103
D1113
C1129
C1128
C1135
D1109
C1117
C1113

6. SYSTEM CONTROL & SERVO SCHEMATIC DIAGRAM

CAPSTAN SERVO SPEED LOOP

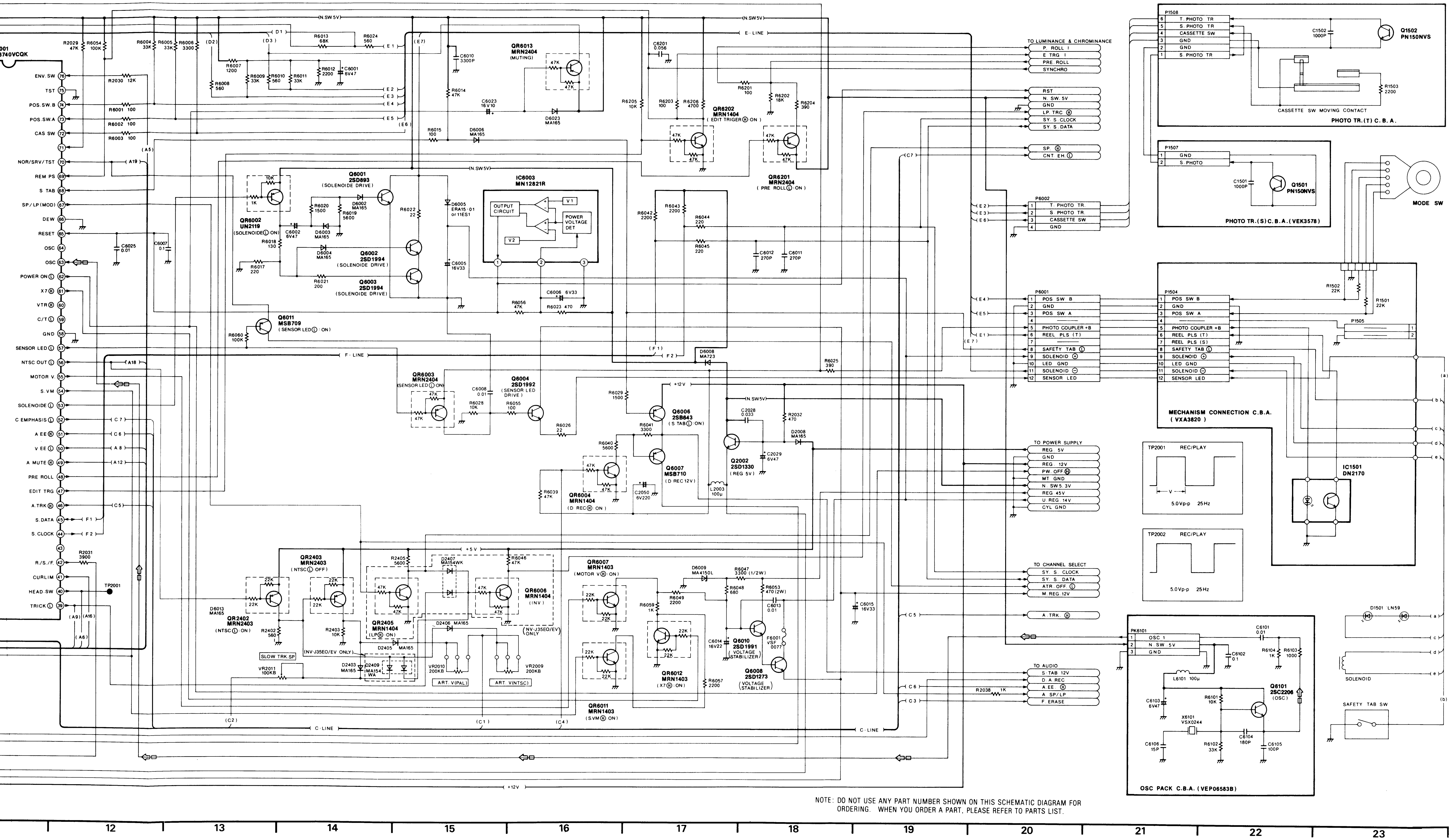
CAPSTAN SERVO PHASE LOOP

CYLINDER SERV



TO LUMINANCE & CHROMINANCE
ROTAR. SW
AT. V/H/N
AUTO. TRK
VSS
ENV. SEL
HEAD. SW
D. REC. 12V
H. AMP. SW
NTSC
V. EE
TRICK
E. REC
TO AUDIO
CTL. GND
CTL. HEAD
REEL +B
A. MUTE
IC2301
μPC358HA
IC2302
XRA10393N
Q2303
MSB709
(AMP)
Q2302
MSB709
(AMP)
Q2301
MSD601
(AMP)
Q2001
MSD601
(BUFFER)
QR2004
2SD1676
(SWITCHING)
QR2005
MRN1404
QR2002
DTC363EK
Q2003
MSB709
P2001 (TO CAPSTAN MOTOR)
TP. GND2
TP. SERV
TEST
PG SHIFTER
VR2001
50KB
A-LINE
B-LINE
C-LINE
D-LINE
+12V
+5V
N.SW5V
L2101
1mH
L2002
VLP0074
IC2001
MN6740VCQK
IC2101
BA6435S
IC2201
AN3814K
CYLINDER DRIVE PACK C.B.A. (VEP02329A)
PK2201 (NO CONNECTION)
P2201 (TO CYLINDER MOTOR)
PK2202
SERVO 5V
PF. G
CYL. ET
CYL. GND
M. REG. 12V
OSC
PRESET
INTERFACE
CHARGE DISCHARGE CIRCUIT
START MISS DET
BEMF DET
MODE SELECT
PG/FG DISP
STOP DET
EXTERNAL SYNC
MULTIPLICATION
POWER (NPN X3)
RATURATION DET
TORQUE CTL
THERMAL SHORT DOWN
WAVE SHAPER
STOP
3PHASE GENERATOR
AMP
P SIGNAL TORQUE DIRECTION
IST AMP
DIRECTION LOGIC
TORQ CTL
HALL POWER
TP2001
TP2002
D6001
MA4051
D6013
MA165
QR2402
MRN24
1
2
3
4
5
6
7
8
9
10
11
12
13
A
B
C
D
E
F
G

P ◀■ CYLINDER SERVO SPEED LOOP ⇦□ CYLINDER SERVO PHASE LOOP



001
3740VCQK
ENV. SW
TST
POS. SW. B
POS. SW. A
CAS SW
NOR/SRV/TST
REM PS
S TAB
SP/LP (MOD)
DEW
RESET
OSC
POWER ON
X7
VTR
C/T
GND
SENSOR LED
NTSC OUT
MOTOR V.
S.VM
SOLENOIDE
C EMPHASIS
A EE
V EE
A MUTE
PRE ROLL
EDIT TRG
A.TRK
S.DATA
S.CLOCK
R./S./F.
CURLIM
HEAD.SW
TRICK
TP2001
(N.SW 5V)
E-LINE
F-LINE
C-LINE
+12V
+5V
QR6013 MRN2404 (MUTING)
Q6001 2SD893 (SOLENOIDE DRIVE)
QR6002 UN2119 (SOLENOIDE ON)
Q6002 2SD1994 (SOLENOIDE DRIVE)
Q6003 2SD1994 (SOLENOIDE DRIVE)
IC6003 MN12821R
OUTPUT CIRCUIT
POWER VOLTAGE DET
V1
V2
Q6011 MSB709 (SENSOR LED ON)
QR6003 MRN2404 (SENSOR LED ON)
Q6004 2SD1992 (SENSOR LED DRIVE)
QR6202 MRN1404 (EDIT TRIGER ON)
QR6201 MRN2404 (PRE ROLL ON)
Q6006 2SB643 (S TAB ON)
Q6007 MSB710 (D REC 12V)
QR6004 MRN1404 (D REC ON)
Q2002 2SD1330 (REG 5V)
QR2403 MRN2403 (NTSC OFF)
QR2402 MRN2403 (NTSC ON)
QR2405 MRN1404 (LP ON)
QR6006 MRN1404 (INV)
QR6007 MRN1403 (MOTOR V ON)
QR6011 MRN1403 (S.VM ON)
QR6012 MRN1403 (X7 ON)
Q6010 2SD1991 (VOLTAGE STABILIZER)
Q6008 2SD1273 (VOLTAGE STABILIZER)
SLOW TRK.SP
VR2011 100KB
VR2010 200KB
VR2009 200KB
ART. V(PAL)
ART. V(NTSC)
(NV-J35EO/EV ONLY)
TO LUMINANCE & CHROMINANCE
P. ROLL
E. TRG
PRE ROLL
SYNCHRO
RST
N. SW. 5V
GND
LP. TRC
SY. S. CLOCK
SY. S. DATA
SP.
CNT. EH.
P6002
T. PHOTO TR.
S. PHOTO TR.
CASSETTE SW
P6001
POS SW B
POS SW A
PHOTO COUPLER +B
REEL PLS (T)
SAFETY TAB
SOLENOID
LED GND
SENSOR LED
TO POWER SUPPLY
REG. 5V
REG. 12V
PW. OFF
MT GND
N. SW 5.3V
REG 45V
U. REG 14V
CYL GND
TO CHANNEL SELECT
ATR OFF
M. REG. 12V
A. TRK.
TO AUDIO
S. TAB 12V
D. A. REC
A. EE
A. SP/LP
F. ERASE
P1508
Q1502 PN150NVS
CASSETTE SW MOVING CONTACT
PHOTO TR. (T) C.B.A.
P1507
Q1501 PN150NVS
PHOTO TR. (S) C.B.A. (VEK3578)
MODE SW
P1504
P1505
REEL PLS (S)
MECHANISM CONNECTION C.B.A. (VXA3820)
IC1501 DN2170
TP2001 REC/PLAY
5.0Vp-p 25Hz
TP2002 REC/PLAY
5.0Vp-p 25Hz
PK6101
OSC 1
N. SW 5V
Q6101 2SC2206 (OSC)
X6101 VSX0244
L6101 100μ
OSC PACK C.B.A. (VEP06583B)
D1501 LN59
SOLENOID
SAFETY TAB SW
12
13
14
15
16
17
18
19
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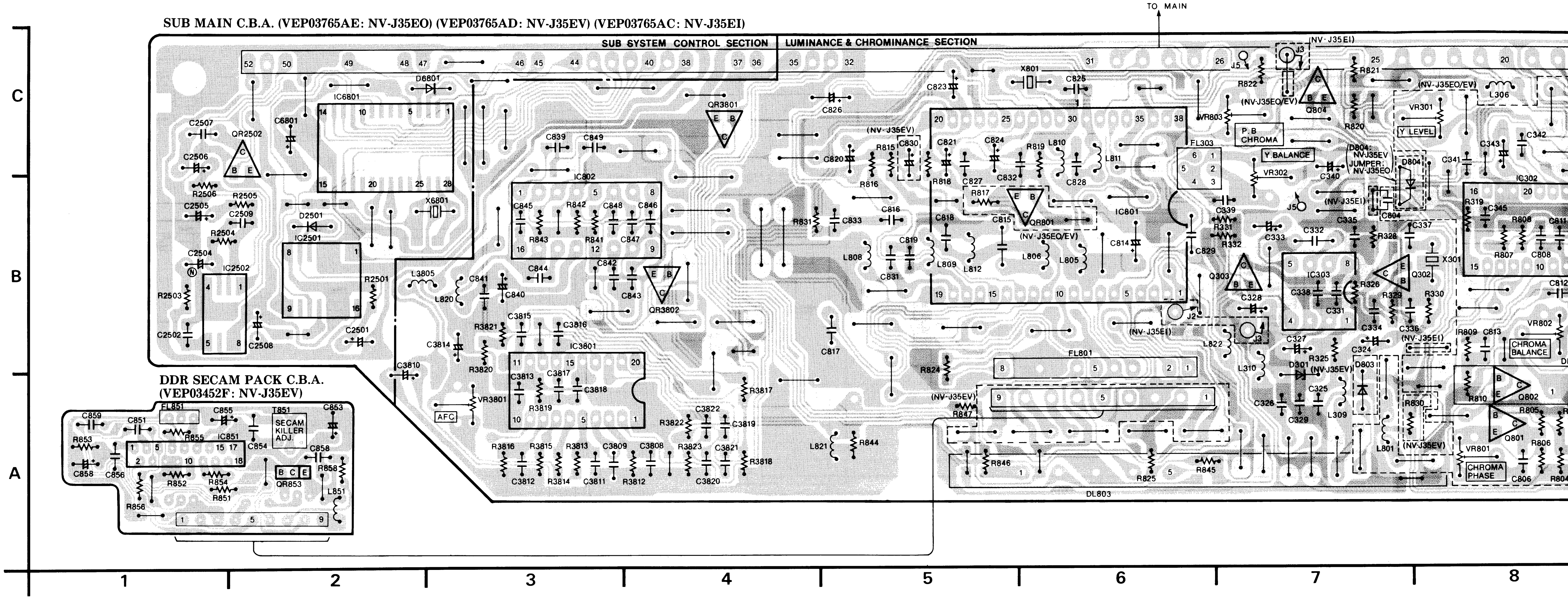
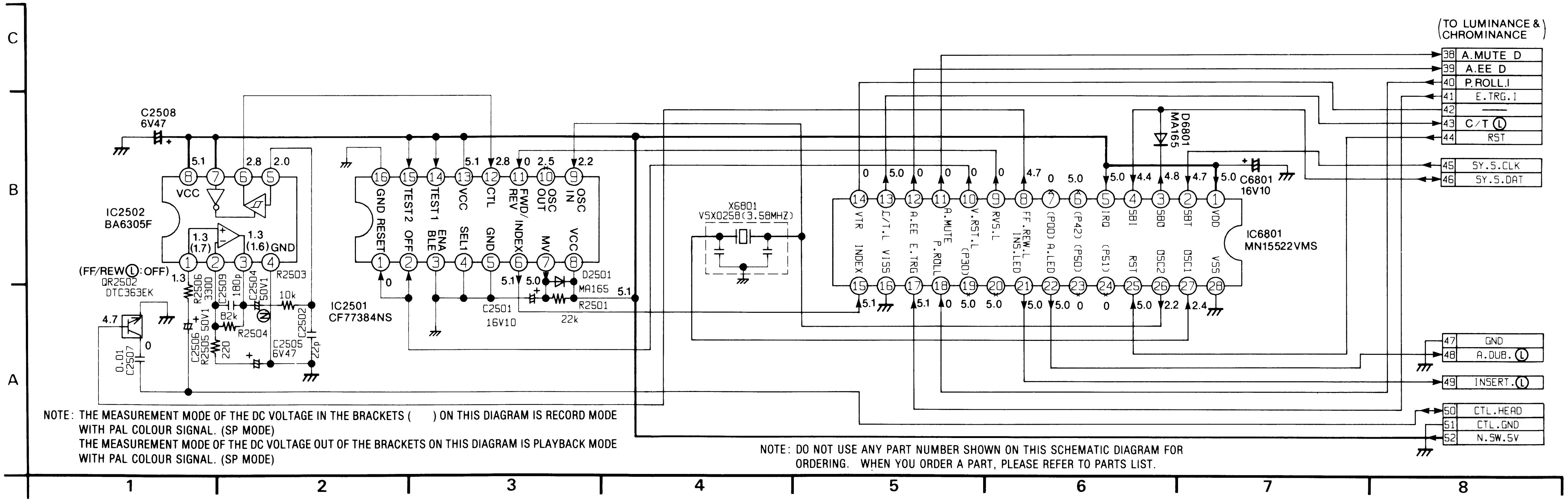
21
22
23

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

7. SUB MAIN C.B.A. (VEP03765AE: NV-J35EO) (VEP03765AD: NV-J35EV) (VEP03765AC: NV-J35EI)


SUB MAIN C.B.A. (VEP03765AE: NV-J35EO) (VEP03765AD: NV-J35EV) (VEP03765AC: NV-J35EI)
SUB SYSTEM CONTROL SECTION
LUMINANCE & CHROMINANCE SECTION
TO MAIN
DDR SECAM PACK C.B.A. (VEP03452F: NV-J35EV)
SECAM KILLER ADJ.
AFC
P.B CHROMA
Y BALANCE
Y LEVEL
CHROMA BALANCE
CHROMA PHASE
(NV-J35EI)
(NV-J35EV)
(NV-J35EO/EV)
(D804: NV-J35EV JUMPER: NV-J35EO)
IC6801
IC2501
IC2502
IC802
IC3801
IC801
IC303
IC302
IC851
QR2502
QR3801
QR3802
QR853
QR801
Q804
Q303
Q302
Q802
Q801
X801
X6801
X301
FL303
FL801
FL851
T851
DL803
VR801
VR802
VR803
VR301
VR302
VR3801
C
B
A
1
2
3
4
5
6
7
8

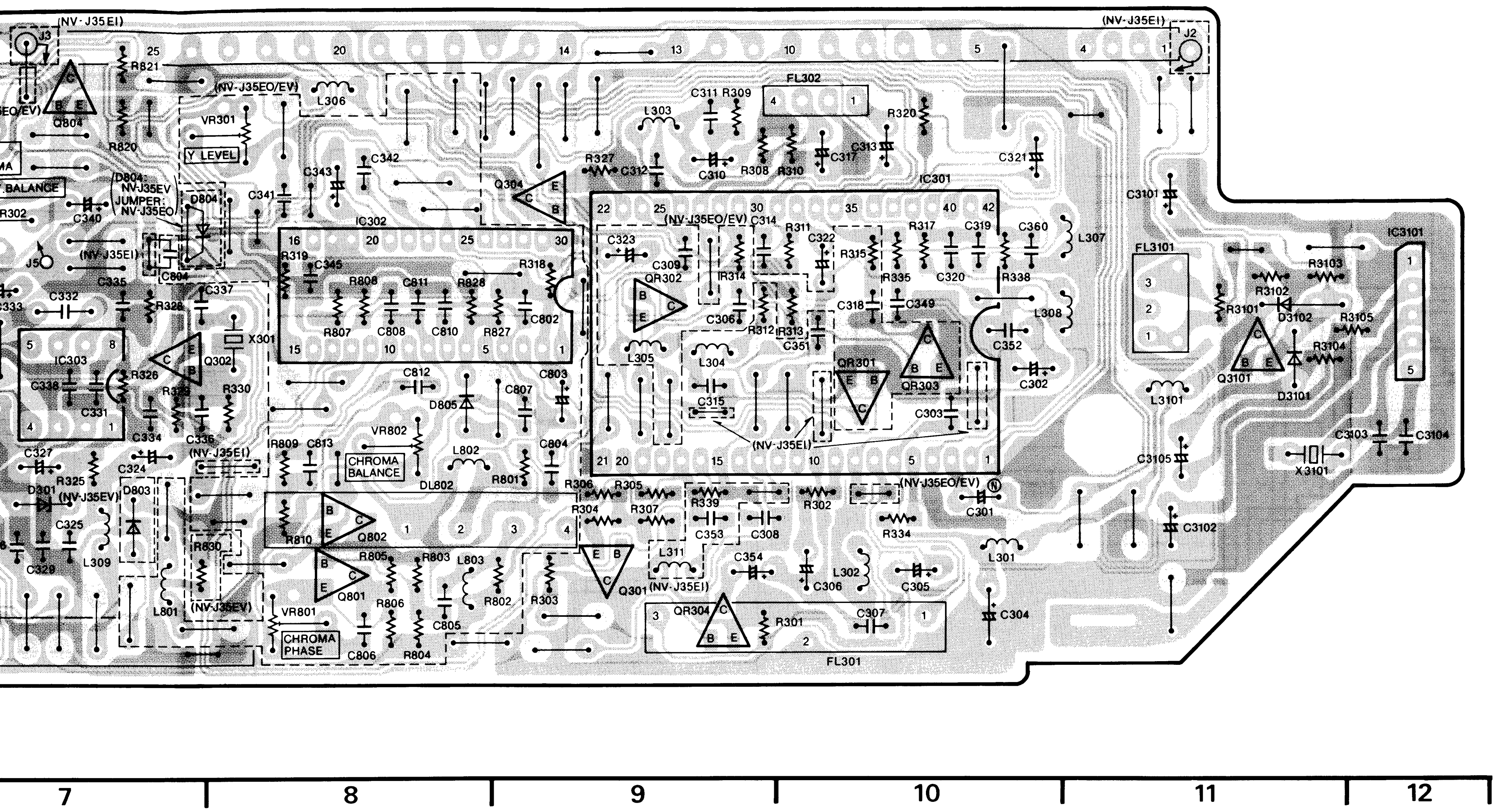
8. SUB MAIN (SUB SYSTEM CONTROL) SCHEMATIC DIAGRAM

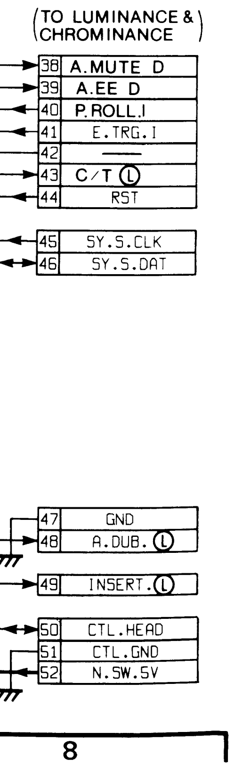

(TO LUMINANCE & CHROMINANCE)
38 A.MUTE D
39 A.EE D
40 P.ROLL.I
41 E.TRG.I
42 ——
43 C/T Ⓛ
44 RST
45 SY.S.CLK
46 SY.S.DAT
47 GND
48 A.DUB.Ⓛ
49 INSERT.Ⓛ
50 CTL.HEAD
51 CTL.GND
52 N.SW.5V
IC6801
MN15522VMS
VDD
SBT
SBO
SBI
IRQ
(P42) (P50)
(P0D) A.LED
FF.REW.L INS.LED
RVS.L
V.RST.L (P30)
A.MUTE P.ROLL
A.EE E.TRG
C/T.L VISS
VTR INDEX
(P51)
RST
OSC2
OSC1
VSS
D6801 MA165
C6801 16V10
X6801
VSX0258(3.58MHZ)
IC2501
CF77384NS
GND RESET
TEST2 OFF
TEST1 ENABLE
VCC SEL1
GND
FWD/REV INDEX
OSC OUT MV
OSC IN VCC
CTL
D2501 MA165
R2501 22k
C2501 16V10
IC2502
BA6305F
VCC
GND
C2508 6V47
(FF/REW Ⓛ: OFF)
QR2502
DTC363EK
C2507 0.01
R2506 330
C2509 180p
C2504 50V1
R2503 10k
R2504 82k
C2506 50V1
R2505 220
C2505 6V47
C2502 22p
1.3 (1.7)
1.3 (1.6)
C
B
A
1
2
3
4
5
6
7
8

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

Back Page:
SYSTEM CONTROL
& SERVO Section

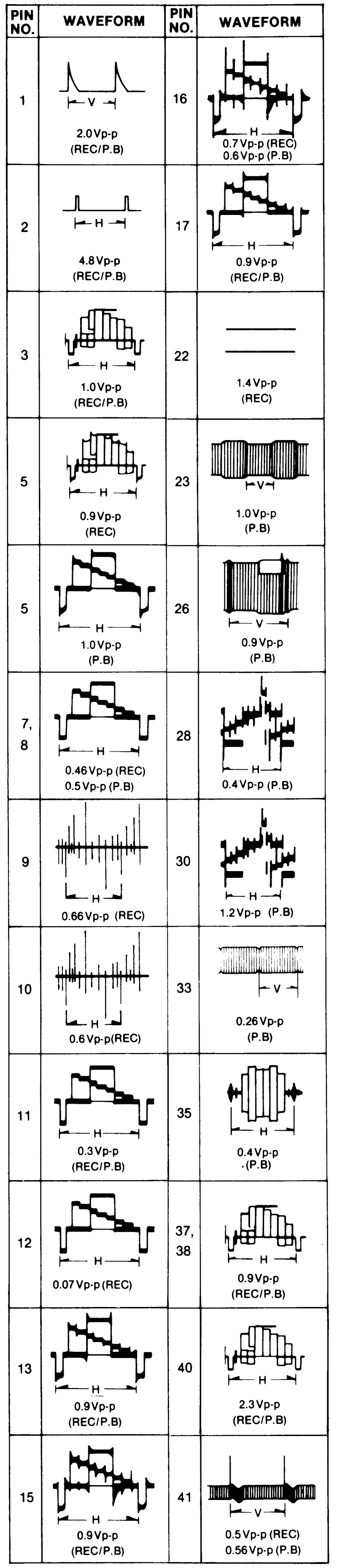

(NV-J35EI)
(NV-J35EO/EV)
IC301
IC302
IC303
IC3101
FL301
FL302
FL3101
Y LEVEL
VR301
VR801
VR802
CHROMA BALANCE
CHROMA PHASE
Q301
Q302
Q304
Q801
Q802
Q804
Q3101
QR301
QR302
QR303
QR304
X301
X3101
DL802
J2
J5
7
8
9
10
11
12


(TO LUMINANCE & CHROMINANCE)
38 A.MUTE D
39 A.EE D
40 P.ROLL.I
41 E.TRG.I
42 ——
43 C/T Ⓛ
44 RST
45 SY.S.CLK
46 SY.S.DAT
47 GND
48 A.DUB.Ⓛ
49 INSERT.Ⓛ
50 CTL.HEAD
51 CTL.GND
52 N.SW.5V
8

SUB MAIN C.B.A.			
Transistor		IC303	B-7
Q301	A-9	IC801	B-6
Q302	B-7	IC802	B-3
Q303	B-7	IC851	A-1
Q304	C-9	IC2501	B-2
Q801	A-8	IC2502	B-2
Q802	A-8	IC3101	B-10
Q804	C-7	IC3801	A-3
Q3101	B-11	IC6801	C-2
Transistor & Resistor		**Adjustment**	
QR301	B-10	T851	A-2
QR302	B-9	VR301	C-7
QR303	B10	VR302	C-7
QR304	A-9	VR801	A-8
QR801	B-6	VR802	B-8
QR853	A-2	VR803	C-7
QR2502	C-2	VR3801	A-3
QR3801	C-4		
QR3802	B-4		
Integrated Circuit			
IC301	B-10		
IC302	B-8		

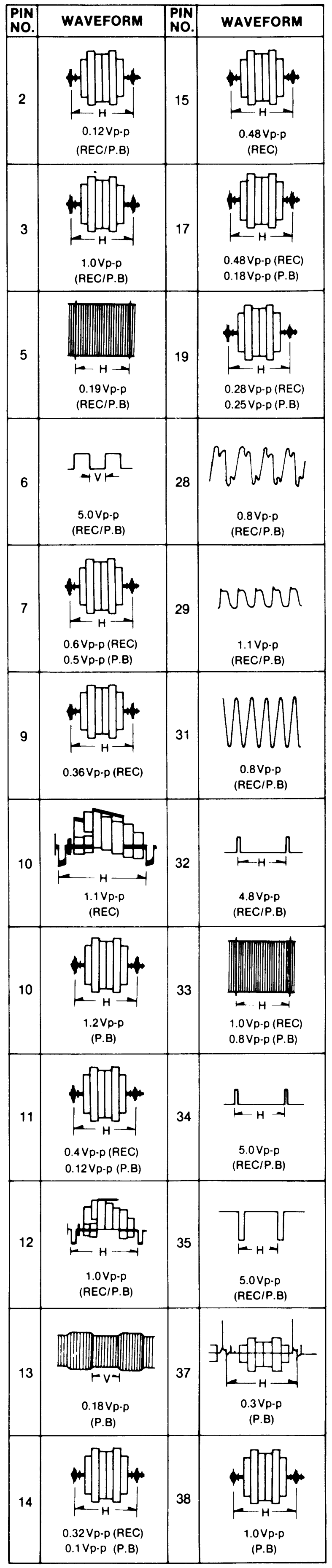
ADDRESS INFORMATION

IC301 (VEFH03D)



PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
1	V 2.0Vp-p (REC/P.B)	16	H 0.7Vp-p (REC) 0.6Vp-p (P.B)
2	H 4.8Vp-p (REC/P.B)	17	H 0.9Vp-p (REC/P.B)
3	H 1.0Vp-p (REC/P.B)	22	1.4Vp-p (REC)
5	H 0.9Vp-p (REC)	23	V 1.0Vp-p (P.B)
5	H 1.0Vp-p (P.B)	26	V 0.9Vp-p (P.B)
7, 8	H 0.46Vp-p (REC) 0.5Vp-p (P.B)	28	H 0.4Vp-p (P.B)
9	H 0.66Vp-p (REC)	30	H 1.2Vp-p (P.B)
10	H 0.6Vp-p(REC)	33	V 0.26Vp-p (P.B)
11	H 0.3Vp-p (REC/P.B)	35	H 0.4Vp-p .(P.B)
12	H 0.07Vp-p (REC)	37, 38	H 0.9Vp-p (REC/P.B)
13	H 0.9Vp-p (REC/P.B)	40	H 2.3Vp-p (REC/P.B)
15	H 0.9Vp-p (REC/P.B)	41	V 0.5Vp-p (REC) 0.56Vp-p (P.B)

IC801 (VEFH04F)

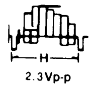
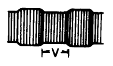
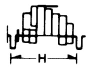
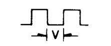
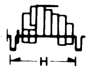
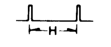
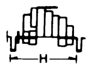
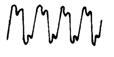
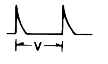
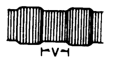
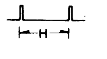
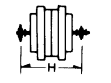
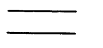
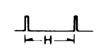
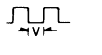


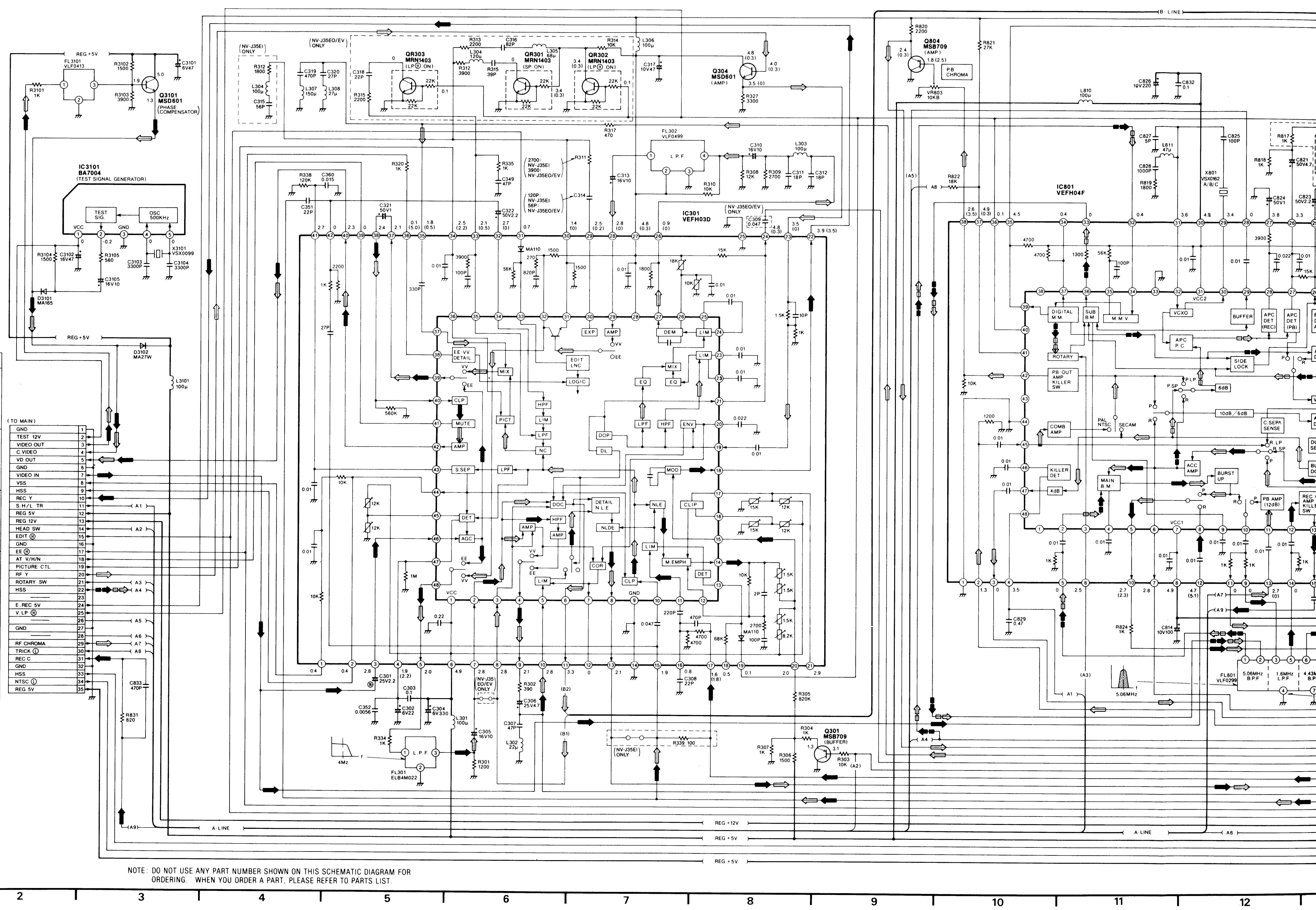
PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
2	H 0.12Vp-p (REC/P.B)	15	H 0.48Vp-p (REC)
3	H 1.0Vp-p (REC/P.B)	17	H 0.48Vp-p (REC) 0.18Vp-p (P.B)
5	H 0.19Vp-p (REC/P.B)	19	H 0.28Vp-p (REC) 0.25Vp-p (P.B)
6	V 5.0Vp-p (REC/P.B)	28	0.8Vp-p (REC/P.B)
7	H 0.6Vp-p (REC) 0.5Vp-p (P.B)	29	1.1Vp-p (REC/P.B)
9	H 0.36Vp-p (REC)	31	0.8Vp-p (REC/P.B)
10	H 1.1Vp-p (REC)	32	H 4.8Vp-p (REC/P.B)
10	H 1.2Vp-p (P.B)	33	H 1.0Vp-p (REC) 0.8Vp-p (P.B)
11	H 0.4Vp-p (REC) 0.12Vp-p (P.B)	34	H 5.0Vp-p (REC/P.B)
12	H 1.0Vp-p (REC/P.B)	35	H 5.0Vp-p (REC/P.B)
13	V 0.18Vp-p (P.B)	37	H 0.3Vp-p (P.B)
14	H 0.32Vp-p (REC) 0.1Vp-p (P.B)	38	H 1.0Vp-p (P.B)

9. SUB MAIN (LUMINANCE & CHROMINANCE) SCHEMATIC DIAGRAM

◀ MAIN SIGNAL PATH IN REC MODE ◁ MAIN SIGNAL PATH IN PLAYBACK MODE

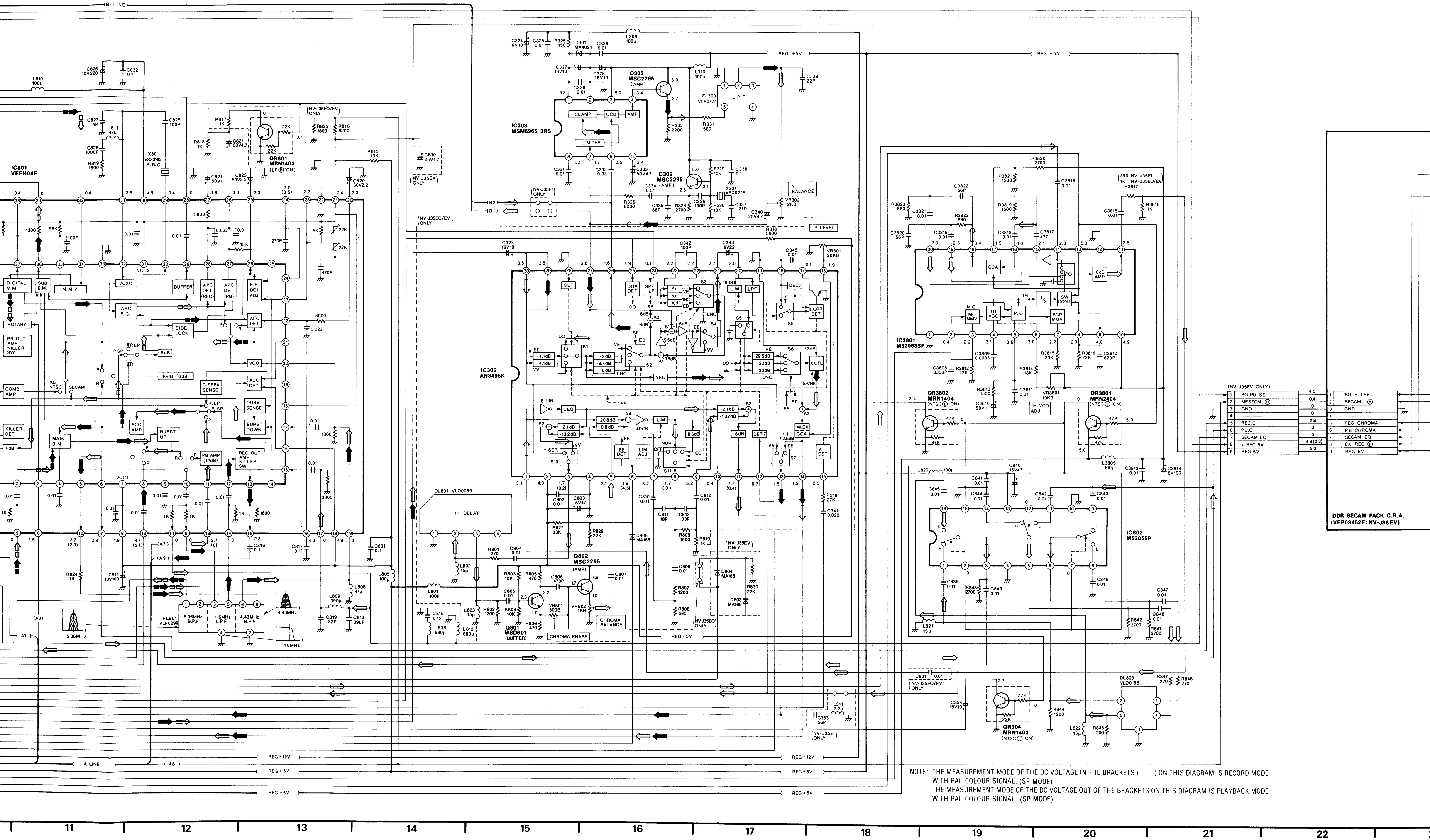
WAVEFORM OF SUB MAIN C.B.A. PINS

PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
3	 2.3Vp-p (REC/P.B)	20	 0.8Vp-p (P.B)
4	 1.2Vp-p (REC/P.B)	21	 5.0Vp-p (REC/P.B)
5	 2.3Vp-p (REC/P.B)	22	 5.0Vp-p (REC/P.B)
7	 1.0Vp-p (REC/P.B)	26	 0.8Vp-p (REC/P.B)
8	 2.0Vp-p (REC/P.B)	29	 0.15Vp-p (P.B)
9	 5.0Vp-p (REC/P.B)	31	 0.3Vp-p (REC)
10	 1.2Vp-p (REC)	33	 5.0Vp-p (REC/P.B)
14	 5.0Vp-p (P.B)		


IC3101 BA7004 (TEST SIGNAL GENERATOR)
TEST SIG.
OSC 500KHz
Q3101 MSD601 (PHASE COMPENSATOR)
FL3101 VLF0413
X3101 VSX0099
D3101 MA165
D3102 MA27W
L3101 100μ
REG +5V
QR303 MRN1403 (LP Ⓗ ON)
QR301 MRN1403 (SP ON)
QR302 MRN1403 (LP Ⓗ ON)
Q304 MSD601 (AMP)
FL302 VLF0499
L.P.F
IC301 VEFH03D
FL301 ELB4M022
Q301 MSB709 (BUFFER)
Q804 MSB709 (AMP)
PB CHROMA
IC801 VEFH04F
X801 VSX0162 A/B/C
FL801 VLF0299
(TO MAIN)
1 GND
2 TEST 12V
3 VIDEO OUT
4 C.VIDEO
5 VD OUT
6 GND
7 VIDEO IN
8 VSS
9 HSS
10 REC Y
11 S.H/L TR
12 REG 5V
13 REG 12V
14 HEAD SW
15 EDIT Ⓗ
16 GND
17 EE Ⓗ
18 AT V/H/N
19 PICTURE CTL
20 RF Y
21 ROTARY SW
22 HSS
24 E.REC 5V
25 V.LP Ⓗ
27 GND
29 RF CHROMA
30 TRICK Ⓛ
31 REC C
32 GND
33 HSS
34 NTSC Ⓛ
35 REG 5V
A-LINE
B LINE
REG +12V
REG +5V
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12

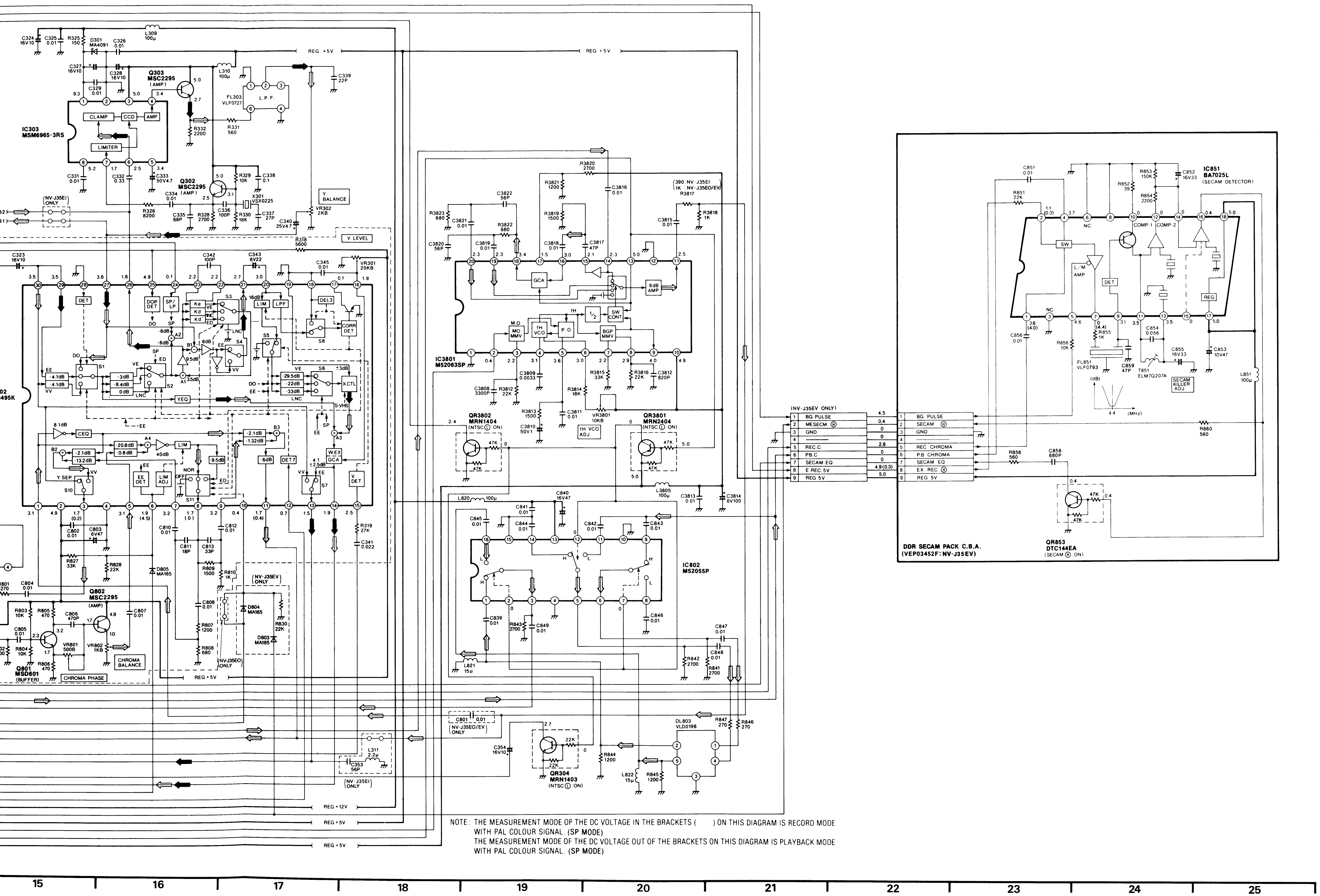
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

SIGNAL PATH IN PLAYBACK MODE ◀■ 5.06MHz PHASE ROTATIONAL SIGNAL IN REC MODE ◁□ 5.06MHz PHASE ROTATIONAL SIGNAL IN PLAYBACK MODE


IC801
VEFH04F
IC303
MSM6965-3RS
Q303
MSC2295
Q302
MSC2295
IC302
AN3495K
IC3801
M52063SP
IC802
M52055P
QR801
MRN1403
QR3802
MRN1404
QR3801
MRN2404
QR304
MRN1403
Q802
MSC2295
Q801
MSD601
DL801 VLD0089
1H DELAY
DL803
VLD0198
FL801
VLF0299
5.06MHz B.P.F
1.6MHz L.P.F
4.43MHz B.P.F
FL303
VLF0727
L.P.F
X801
VSX0162
A/B/C
X301
VSX0225
CHROMA BALANCE
CHROMA PHASE
Y BALANCE
Y LEVEL
DIGITAL M.M.
SUB B.M
M.M.V
VCXO
BUFFER
APC DET (REC)
APC DET (PB)
B.E. DET ADJ.
APC P.C
SIDE LOCK
AFC DET
VCO
ROTARY
PB OUT AMP KILLER SW
COMB AMP
KILLER DET
MAIN B.M
ACC AMP
BURST UP
PB AMP (12dB)
REC OUT AMP KILLER SW
C.SEPA SENSE
DUBB SENSE
BURST DOWN
ACC DET
CLAMP
CCD
AMP
LIMITER
DDR SECAM PACK C.B.A.
(VEP03452F: NV-J35EV)
(NV-J35EV ONLY)
BG PULSE
MESECM
GND
REC.C
PB.C
SECAM EQ
E.REC.5V
REG.5V
REC CHROMA
PB CHROMA
EX.REC
REG +12V
REG +5V
A-LINE
B-LINE
11
12
13
14
15
16
17
18
19
20
21
22

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

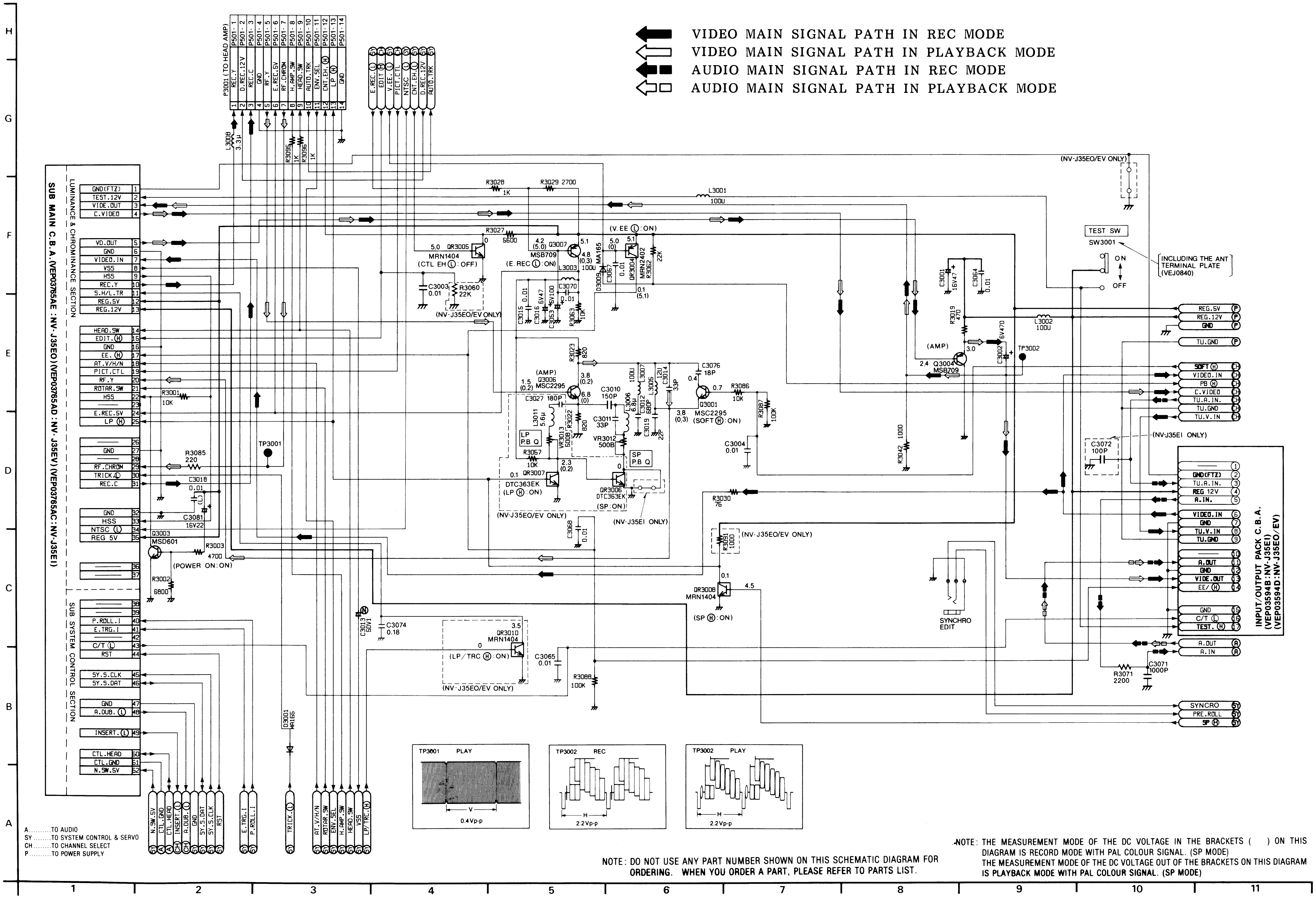
TIONAL SIGNAL IN REC MODE ⇦□ 5.06MHz PHASE ROTATIONAL SIGNAL IN PLAYBACK MODE


IC303
MSM6965-3RS
CLAMP
CCD
AMP
LIMITER
Q303
MSC2295
(AMP)
Q302
MSC2295
(AMP)
FL303
VLF0727
L.P.F.
L309
100μ
L310
100μ
X301
VSX0225
Y BALANCE
VR302
2KB
Y LEVEL
VR301
20KB
REG +5V
(NV-J35EI)
ONLY
DET
DOP DET
SP/LP
DEL3
CORR DET
LIM
LPF
S3
S4
S5
S6
S7
S8
S10
S11
XCTL
YEQ
CEQ
LNC
W.EX GCA
V. DET
EE DET
LIM ADJ
NOR
DET7
Q802
MSC2295
(AMP)
Q801
MSD601
(BUFFER)
VR801
500B
VR802
1KB
CHROMA BALANCE
CHROMA PHASE
D805
MA165
D804
MA165
D803
MA165
(NV-J35EV)
ONLY
(NV-J35EO)
ONLY
IC3801
M52063SP
GCA
6dB AMP
M.O MMV
1H VCO
P.O
SW CONT
BGP MMV
1/2
(390: NV-J35EI)
(1K: NV-J35EO/EV)
R3817
QR3802
MRN1404
(NTSC Ⓛ ON)
QR3801
MRN2404
(NTSC Ⓛ ON)
VR3801
10KB
1H VCO ADJ
L3805
100μ
L820
100μ
IC802
M52055P
L821
15μ
C801 0.01
(NV-J35EO/EV)
ONLY
QR304
MRN1403
(NTSC Ⓛ ON)
DL803
VLD0198
L822
15μ
L311
2.2μ
C353
56P
(NV-J35EI)
ONLY
REG +12V
REG +5V
REG +5V
(NV-J35EV ONLY)
1 BG PULSE 4.5
2 MESECM Ⓗ 0.4
3 GND 0
4 —— 0
5 REC C 2.8
6 PB.C 0
7 SECAM EQ 0
8 E.REC 5V 4.9(0.3)
9 REG 5V 5.0
1 BG PULSE
2 SECAM Ⓗ
3 GND
4 ——
5 REC CHROMA
6 P.B CHROMA
7 SECAM EQ
8 EX REC Ⓗ
9 REG 5V
IC851
BA7025L
(SECAM DETECTOR)
SW
L/M AMP
DET
COMP 1
COMP 2
REG
NC
FL851
VLF0793
T851
ELM7Q207A
SECAM KILLER ADJ
L851
100μ
QR853
DTC144EA
(SECAM Ⓗ ON)
DDR SECAM PACK C.B.A.
(VEP03452F: NV-J35EV)
15
16
17
18
19
20
21
22
23
24
25

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS (   ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

Next Page:
LUMINANCE/
CHROMINANCE &
INPUT/OUTPUT
Section

10. LUMINANCE & CHROMINANCE SCHEMATIC DIAGRAM

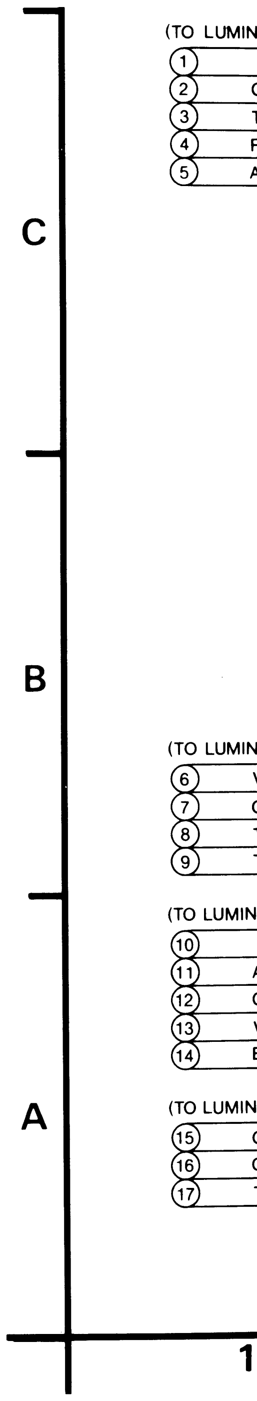

VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE
SUB MAIN C.B.A. (VEP03765AE : NV-J35EO) (VEP03765AD : NV-J35EV) (VEP03765AC : NV-J35EI)
LUMINANCE & CHROMINANCE SECTION
SUB SYSTEM CONTROL SECTION
GND(FTZ) 1
TEST.12V 2
VIDE.OUT 3
C.VIDEO 4
VD.OUT 5
GND 6
VIDEO.IN 7
VSS 8
HSS 9
REC.Y 10
S.H/L.TR 11
REG.5V 12
REG.12V 13
HEAD.SW 14
EDIT.Ⓗ 15
GND 16
EE.Ⓗ 17
AT.V/H/N 18
PICT.CTL 19
RF.Y 20
ROTAR.SW 21
HSS 22
23
E.REC.5V 24
LP Ⓗ 25
26
GND 27
28
RF.CHROM 29
TRICK.Ⓛ 30
REC.C 31
GND 32
HSS 33
NTSC Ⓛ 34
REG 5V 35
36
37
38
39
P.ROLL.I 40
E.TRG.I 41
42
C/T Ⓛ 43
RST 44
SY.S.CLK 45
SY.S.DAT 46
GND 47
A.DUB.Ⓛ 48
INSERT.Ⓛ 49
CTL.HEAD 50
CTL.GND 51
N.SW.5V 52
P3001 (TO HEAD AMP)
1 REC.Y P501-1
2 D.REC.12V P501-2
3 REC.C P501-3
4 GND P501-4
5 RF.Y P501-5
6 E.REC.5V P501-6
7 RF.CHROM P501-7
8 H.AMP.SW P501-8
9 HEAD.SW P501-9
10 AUTO.TRK P501-10
11 ENV.SEL P501-11
12 ENT.EH.Ⓗ P501-12
13 LP Ⓗ P501-13
14 GND P501-14
E.REC.Ⓛ
EDIT Ⓗ
V.EE.Ⓛ
PICT.CTL
NTSC Ⓛ
ENT.EH.Ⓛ
D.REC.12V
AUTO.TRK
L3008 3.3μ
R3095 1K
R3096 1K
R3028 1K
R3029 2700
L3001 100U
(NV-J35EO/EV ONLY)
R3027 5600
5.0 QR3005 MRN1404 (CTL EH Ⓛ : OFF)
4.2 (5.0) Q3007 MSB709 (E.REC Ⓛ : ON)
5.1 4.8 (0.3)
L3003 100U
D3009 MA165
C3067
(V.EE Ⓛ : ON)
5.0 (0) QR3004 MRN2402
R3062 22K
0.1 (5.1)
C3003 0.01
R3060 22K
(NV-J35EO/EV ONLY)
C3015 0.01
C3016 6V47
C3053 6V100
C3070 0.01
R3063 10K
R3023 820
(AMP) Q3006 MSC2295 1.5 (0.2) 3.8 (0.2) 6.8 (0)
C3027 180P
L3011 5.6μ
R3022 820
VR3013 500B
LP PB Q
R3057 10K
0.1 QR3007 DTC363EK (LP Ⓗ : ON)
2.3 (0.2)
(NV-J35EO/EV ONLY)
C3010 150P
C3011 33P
VR3012 500B
L3006 6.8μ
C3012 680P
L3007 100U
L3005 12U
C3019 22P
C3014 33P
SP PB Q
QR3006 DTC363EK (SP : ON)
(NV-J35EI ONLY)
C3068 0.01
C3076 18P
0.4 Q3001 MSC2295 (SOFT Ⓗ : ON) 0.7 3.8 (0.3)
R3086 10K
R3087 100K
C3004 0.01
R3030 75
R3091 1000 (NV-J35EO/EV ONLY)
0.1 QR3008 MRN1404 (SP Ⓗ : ON) 4.5
R3042 1000
C3001 16V47
C3064 0.01
R3019 470
(AMP) 2.4 Q3004 MSB709 3.0
C3002 6V470
TP3002
L3002 100U
TEST SW SW3001 ON OFF
(INCLUDING THE ANT TERMINAL PLATE (VEJ0840)
C3072 100P (NV-J35EI ONLY)
REG.5V Ⓟ
REG.12V Ⓟ
GND Ⓟ
TU.GND Ⓟ
SOFT Ⓗ Ⓒⓗ
VIDEO.IN Ⓒⓗ
PB Ⓗ Ⓒⓗ
C.VIDEO Ⓒⓗ
TU.A.IN. Ⓒⓗ
TU.GND Ⓒⓗ
TU.V.IN Ⓒⓗ
INPUT/OUTPUT PACK C.B.A. (VEP03594B : NV-J35EI) (VEP03594D : NV-J35EO/EV)
1
GND(FTZ) 2
TU.A.IN. 3
REG 12V 4
A.IN. 5
VIDEO.IN 6
GND 7
TU.V.IN 8
TU.GND 9
10
A.OUT 11
GND 12
VIDE.OUT 13
EE/Ⓗ 14
GND 15
C/T Ⓛ 16
TEST. Ⓗ 17
A.OUT Ⓐ
A.IN Ⓐ
SYNCRO Ⓢⓨ
PRE.ROLL Ⓢⓨ
SP Ⓗ Ⓢⓨ
SYNCHRO EDIT
R3071 2200
C3071 1000P
TP3001
R3001 10K
R3085 220
C3018 0.01
C3081 16V22
Q3003 MSD601
R3003 4700 (POWER ON : ON)
R3002 6800
C3013 50V1
C3074 0.18
3.5 QR3010 MRN1404 0 (LP/TRC Ⓗ : ON)
(NV-J35EO/EV ONLY)
C3065 0.01
R3088 100K
D3001 MA165
N.SW.5V
CTL.GND
CTL.HEAD
INSERT.Ⓛ
A.DUB.Ⓛ
GND
SY.S.DAT
SY.S.CLK
RST
E.TRG.I
P.ROLL.I
TRICK.Ⓛ
AT.V/H/N
ROTAR.SW
ENV.SEL
H.AMP.SW
HEAD.SW
VSS
LP/TRC.Ⓗ
TP3001 PLAY V 0.4Vp-p
TP3002 REC H 2.2Vp-p
TP3002 PLAY H 2.2Vp-p
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11

A..........TO AUDIO
SY.........TO SYSTEM CONTROL & SERVO
CH.........TO CHANNEL SELECT
P..........TO POWER SUPPLY

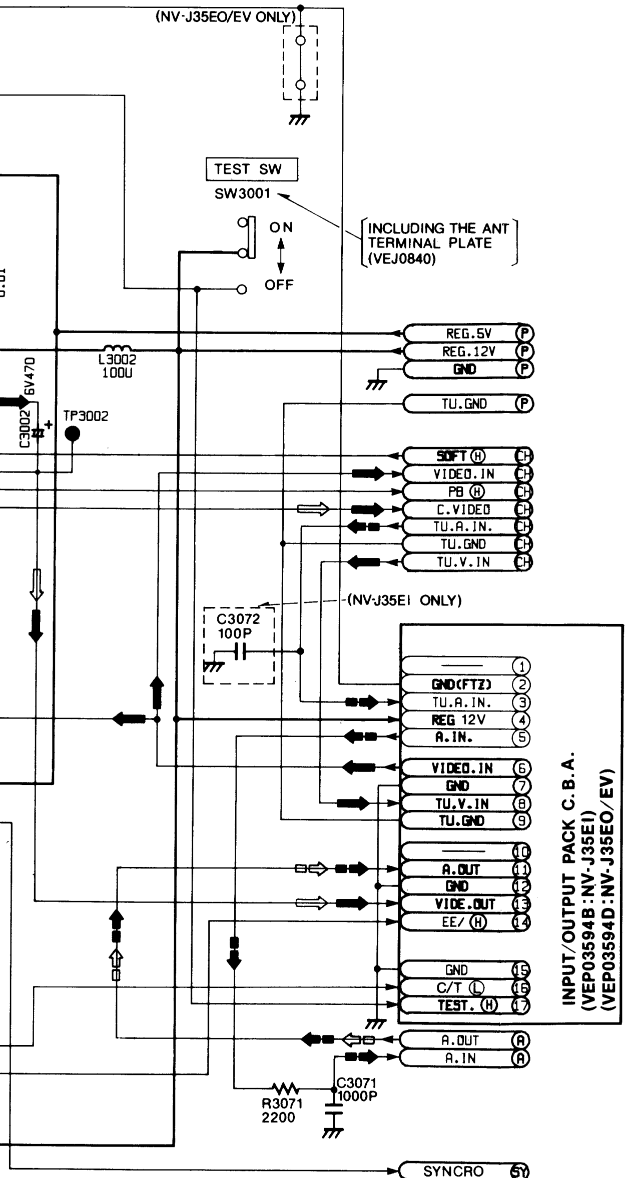
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

11. INPUT/O


(TO LUMIN
1
2
3
4
5
C
(TO LUMIN
6
7
8
9
B
(TO LUMIN
10
11
12
13
14
A
(TO LUMIN
15
16
17
1

DE
CK MODE
DE
CK MODE

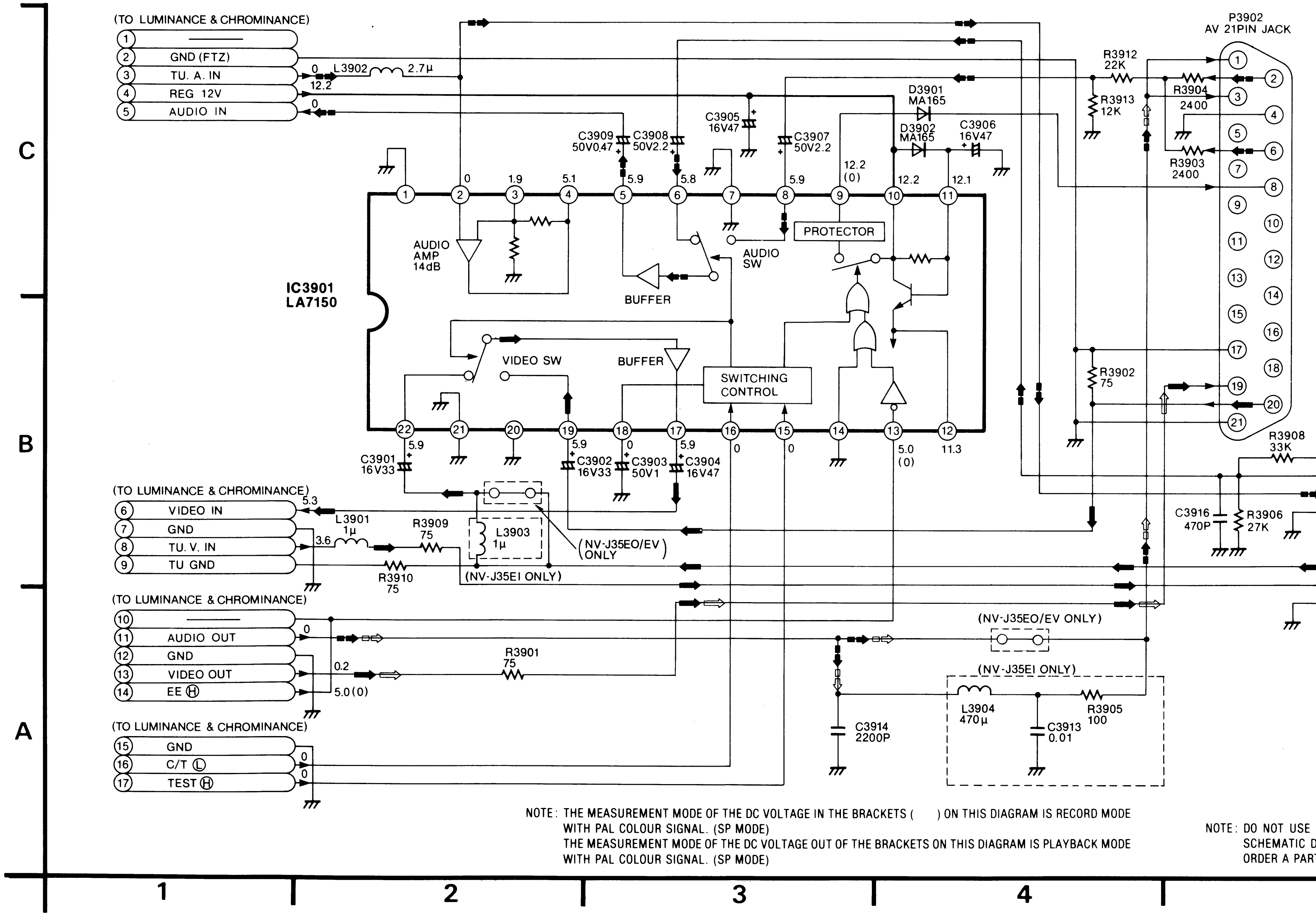


(NV-J35EO/EV ONLY)
TEST SW
SW3001
ON
OFF
(INCLUDING THE ANT TERMINAL PLATE (VEJ0840))
L3002
100U
C3002
6V47U
TP3002
REG.5V
REG.12V
GND
TU.GND
SOFT Ⓗ
VIDEO.IN
PB Ⓗ
C.VIDEO
TU.A.IN.
TU.GND
TU.V.IN
C3072
100P
(NV-J35EI ONLY)
GND(FTZ)
TU.A.IN.
REG 12V
A.IN.
VIDEO.IN
GND
TU.V.IN
TU.GND
A.OUT
GND
VIDE.OUT
EE/ Ⓗ
GND
C/T Ⓛ
TEST. Ⓗ
A.OUT
A.IN
R3071
2200
C3071
1000P
SYNCRO
PRE.ROLL
SP Ⓗ
INPUT/OUTPUT PACK C.B.A.
(VEP03594B:NV-J35EI)
(VEP03594D:NV-J35EO/EV)

E MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS
AGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
E MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM
PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

11. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM

- ◀■ VIDEO MAIN SIGNAL PATH IN REC MODE
- ◁ VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
- ◀■■ AUDIO MAIN SIGNAL PATH IN REC MODE
- ◁□ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



C
B
A
(TO LUMINANCE & CHROMINANCE)
GND (FTZ)
TU. A. IN
REG 12V
AUDIO IN
L3902
2.7μ
IC3901
LA7150
AUDIO AMP 14dB
BUFFER
AUDIO SW
PROTECTOR
VIDEO SW
BUFFER
SWITCHING CONTROL
C3909
50V0.47
C3908
50V2.2
C3905
16V47
C3907
50V2.2
D3901
MA165
D3902
MA165
C3906
16V47
C3901
16V33
C3902
16V33
C3903
50V1
C3904
16V47
R3912
22K
R3913
12K
R3904
2400
R3903
2400
R3902
75
P3902
AV 21PIN JACK
VIDEO IN
GND
TU. V. IN
TU GND
L3901
1μ
R3909
75
R3910
75
L3903
1μ
(NV-J35EO/EV) ONLY
(NV-J35EI ONLY)
AUDIO OUT
GND
VIDEO OUT
EE Ⓗ
R3901
75
GND
C/T Ⓛ
TEST Ⓗ
(NV-J35EO/EV ONLY)
(NV-J35EI ONLY)
C3914
2200P
L3904
470μ
C3913
0.01
R3905
100
R3908
33K
C3916
470P
R3906
27K
JK3902
AUDIO IN
JK3901
VIDEO IN
1
2
3
4
5

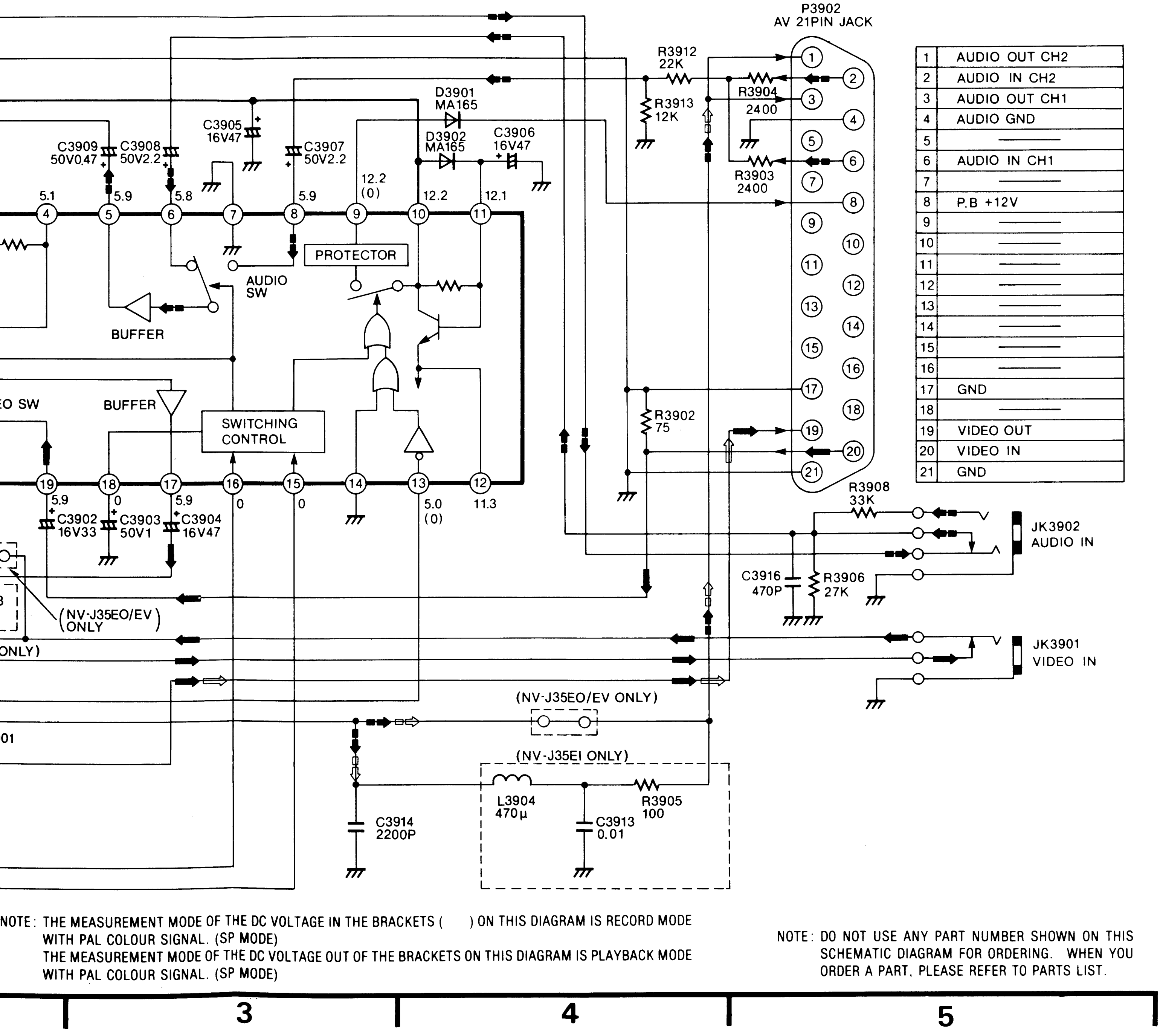
1	AUDIO OUT CH2
2	AUDIO IN CH2
3	AUDIO OUT CH1
4	AUDIO GND
5	――――
6	AUDIO IN CH1
7	――――
8	P.B +12V
9	――――
10	――――
11	――――
12	――――
13	――――
14	――――
15	――――
16	――――
17	GND
18	――――
19	VIDEO OUT
20	VIDEO IN
21	GND

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

DIAGRAM

MAIN SIGNAL PATH IN REC MODE
MAIN SIGNAL PATH IN PLAYBACK MODE
MAIN SIGNAL PATH IN REC MODE
MAIN SIGNAL PATH IN PLAYBACK MODE


P3902
AV 21PIN JACK
R3912
22K
R3913
12K
R3904
2400
R3903
2400
D3901
MA165
D3902
MA165
C3906
16V47
C3905
16V47
C3907
50V2.2
C3908
50V2.2
C3909
50V0.47
5.1
5.9
5.8
5.9
12.2
(0)
12.2
12.1
PROTECTOR
AUDIO
SW
BUFFER
O SW
BUFFER
SWITCHING
CONTROL
5.9
0
5.9
0
0
5.0
(0)
11.3
C3902
16V33
C3903
50V1
C3904
16V47
(NV-J35EO/EV ONLY)
ONLY)
01
R3902
75
R3908
33K
C3916
470P
R3906
27K
JK3902
AUDIO IN
JK3901
VIDEO IN
(NV-J35EO/EV ONLY)
(NV-J35EI ONLY)
L3904
470μ
R3905
100
C3913
0.01
C3914
2200P
3
4
5

1	AUDIO OUT CH2
2	AUDIO IN CH2
3	AUDIO OUT CH1
4	AUDIO GND
5	————
6	AUDIO IN CH1
7	————
8	P.B +12V
9	————
10	————
11	————
12	————
13	————
14	————
15	————
16	————
17	GND
18	————
19	VIDEO OUT
20	VIDEO IN
21	GND

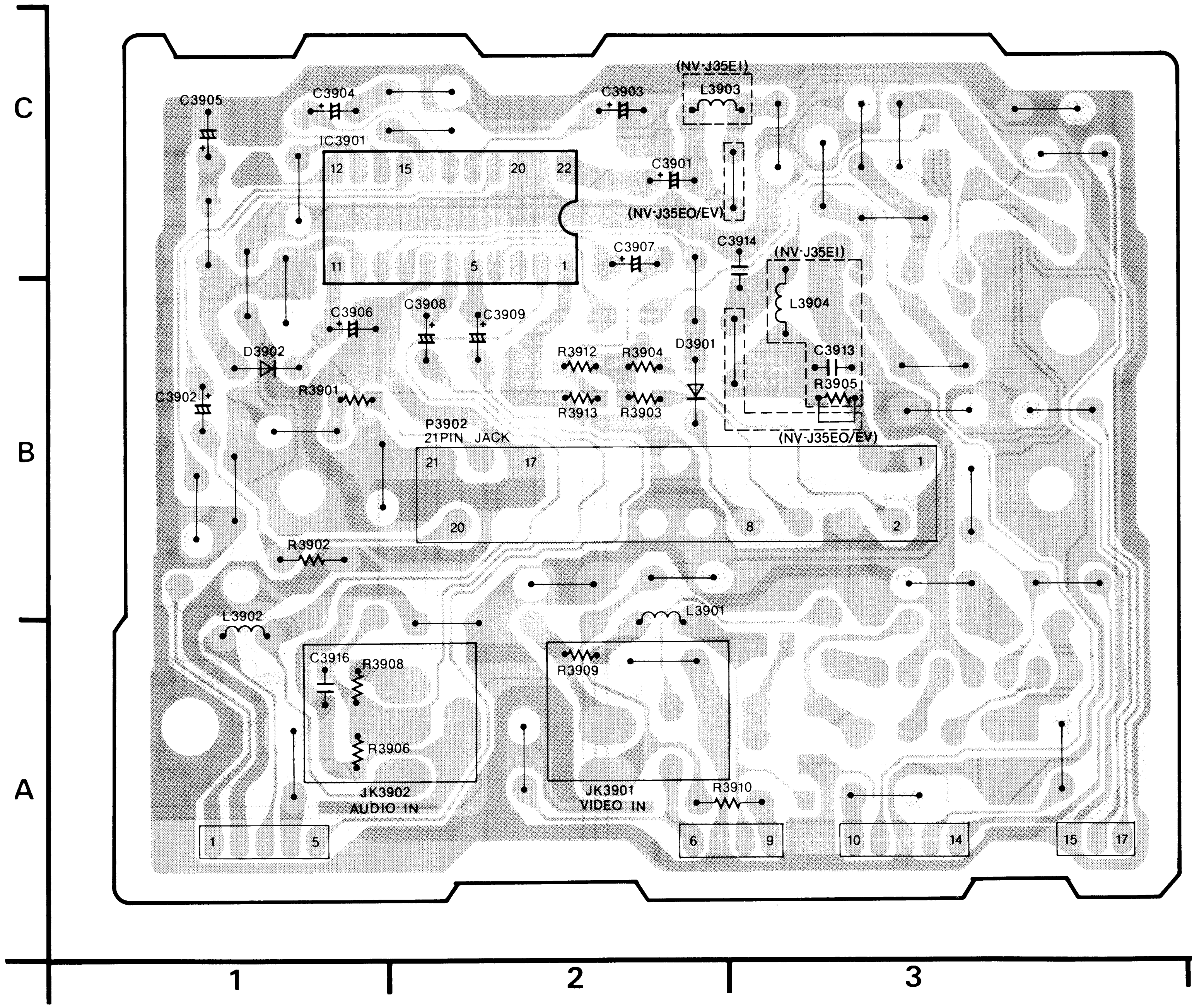
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS (   ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

12. INPUT/OUTPUT PACK C.B.A.
(VEP03594D: NV-J35EO/EV) (VEP03594B: NV-J35EI)

INPUT/OUTPUT PACK C.B.A.	
Integrated Circuit	
IC3901	C-1
Connector	
P3902	B-2
JK3901	A-2
JK3902	A-1

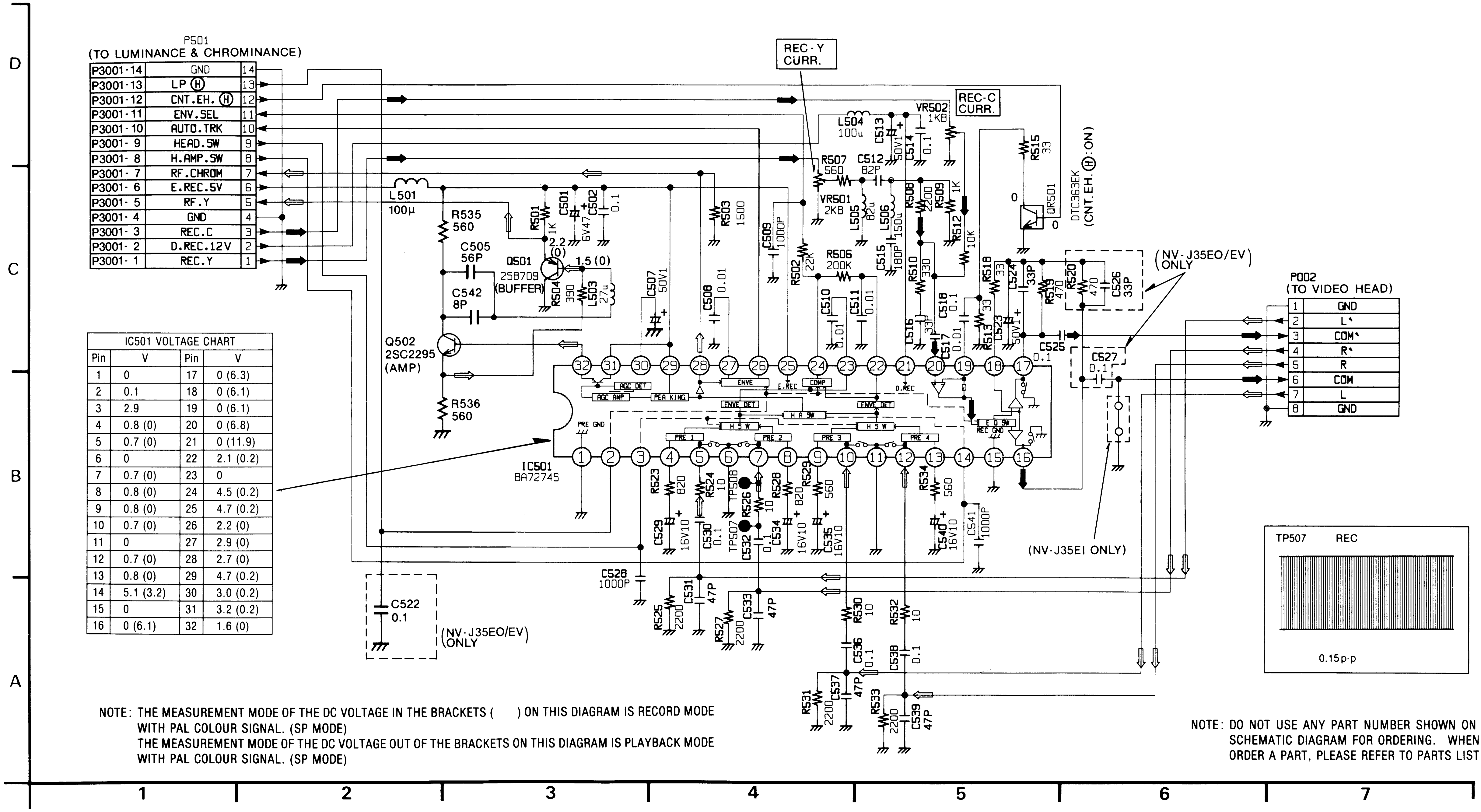
ADDRESS INFORMATION


C
B
A
C3905
C3904
IC3901
12
15
20
22
11
5
1
C3903
(NV-J35EI)
L3903
C3901
(NV-J35EO/EV)
C3907
C3914
(NV-J35EI)
L3904
C3906
C3908
C3909
D3902
R3912
R3904
D3901
C3913
R3905
C3902
R3901
R3913
R3903
(NV-J35EO/EV)
P3902
21PIN JACK
21
17
1
20
8
2
R3902
L3902
L3901
C3916
R3908
R3909
R3906
JK3902
AUDIO IN
JK3901
VIDEO IN
R3910
1
5
6
9
10
14
15
17
1
2
3

13. HEAD AMP SCHEMATIC DIAGRAM

⬅ MAIN SIGNAL PATH IN REC MODE

⇦ MAIN SIGNAL PATH IN PLAYBACK MODE



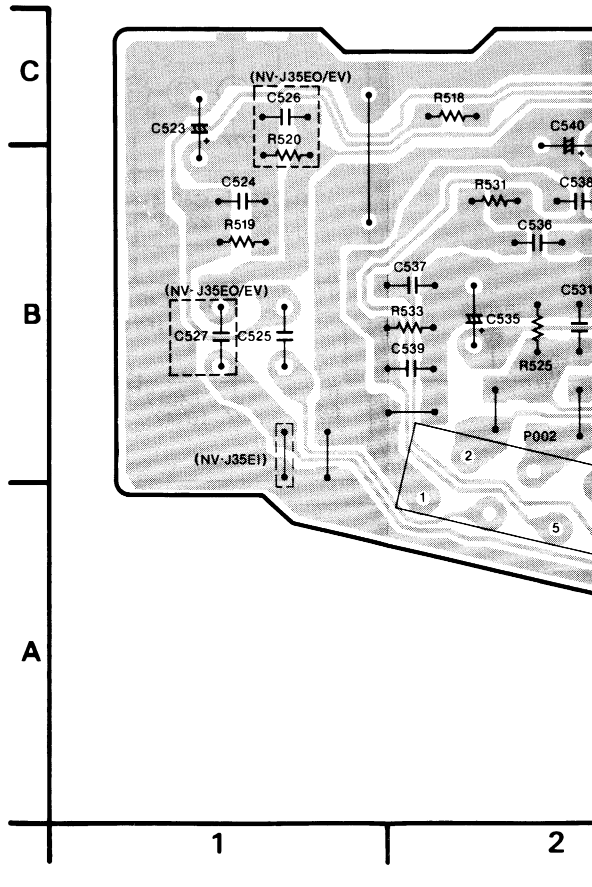
P501
(TO LUMINANCE & CHROMINANCE)
P3001·14 GND 14
P3001·13 LP Ⓗ 13
P3001·12 CNT.EH. Ⓗ 12
P3001·11 ENV.SEL 11
P3001·10 AUTO.TRK 10
P3001·9 HEAD.SW 9
P3001·8 H.AMP.SW 8
P3001·7 RF.CHROM 7
P3001·6 E.REC.5V 6
P3001·5 RF.Y 5
P3001·4 GND 4
P3001·3 REC.C 3
P3001·2 D.REC.12V 2
P3001·1 REC.Y 1
REC·Y CURR.
REC·C CURR.
L501 100μ
R535 560
C505 56P
C542 8P
Q501 2SB709 (BUFFER)
Q502 2SC2295 (AMP)
R536 560
R501 1K
C501 6V47
C502 0.1
R504 390
L503 27u
R503 1500
C507 50V1
C508 0.01
C509 1000P
R502 22K
L504 100u
C513 50V1
C514 0.1
VR502 1KB
R507 560
C512 82P
VR501 2KB
L505 82u
L506 150u
R508 2200
R509 1K
R506 200K
C515 180P
R510 330
R512 10K
C510 0.01
C511 0.01
C516 33P
C518 0.1
C517 0.01
R513 33
R518 33
C523 50V1
C524 33P
R519 470
R520 470
C526 33P
R515 33
QR501 DTC363EK (CNT.EH. Ⓗ:ON)
(NV-J35EO/EV) ONLY
C525 0.1
C527 0.1
P002 (TO VIDEO HEAD)
1 GND
2 L'
3 COM'
4 R'
5 R
6 COM
7 L
8 GND
AGC DET
AGC AMP
PEA KING
ENVE
E.REC
COMP
D.REC
ENVE DET
H A SW
ENVE DET
H S W
PRE 1
PRE 2
PRE 3
PRE 4
E Q SW
REC GND
PRE GND
IC501 BA7274S
R523 820
R524 10
TP508
R526 10
R528 10
R529 820
R534 560
C529 16V10
C530 0.1
TP507
C532 0.1
C534 16V10
C535 16V10
C540 16V10
C541 1000P
C528 1000P
C531 47P
R525 2200
R527 2200
C533 47P
R530 10
R532 10
C536 0.1
C538 0.1
R531 2200
C537 47P
R533 2200
C539 47P
C522 0.1
(NV-J35EO/EV) ONLY
(NV-J35EI ONLY)
TP507 REC
0.15p-p
D
C
B
A
1
2
3
4
5
6
7

IC501 VOLTAGE CHART			
Pin	V	Pin	V
1	0	17	0 (6.3)
2	0.1	18	0 (6.1)
3	2.9	19	0 (6.1)
4	0.8 (0)	20	0 (6.8)
5	0.7 (0)	21	0 (11.9)
6	0	22	2.1 (0.2)
7	0.7 (0)	23	0
8	0.8 (0)	24	4.5 (0.2)
9	0.8 (0)	25	4.7 (0.2)
10	0.7 (0)	26	2.2 (0)
11	0	27	2.9 (0)
12	0.7 (0)	28	2.7 (0)
13	0.8 (0)	29	4.7 (0.2)
14	5.1 (3.2)	30	3.0 (0.2)
15	0	31	3.2 (0.2)
16	0 (6.1)	32	1.6 (0)

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

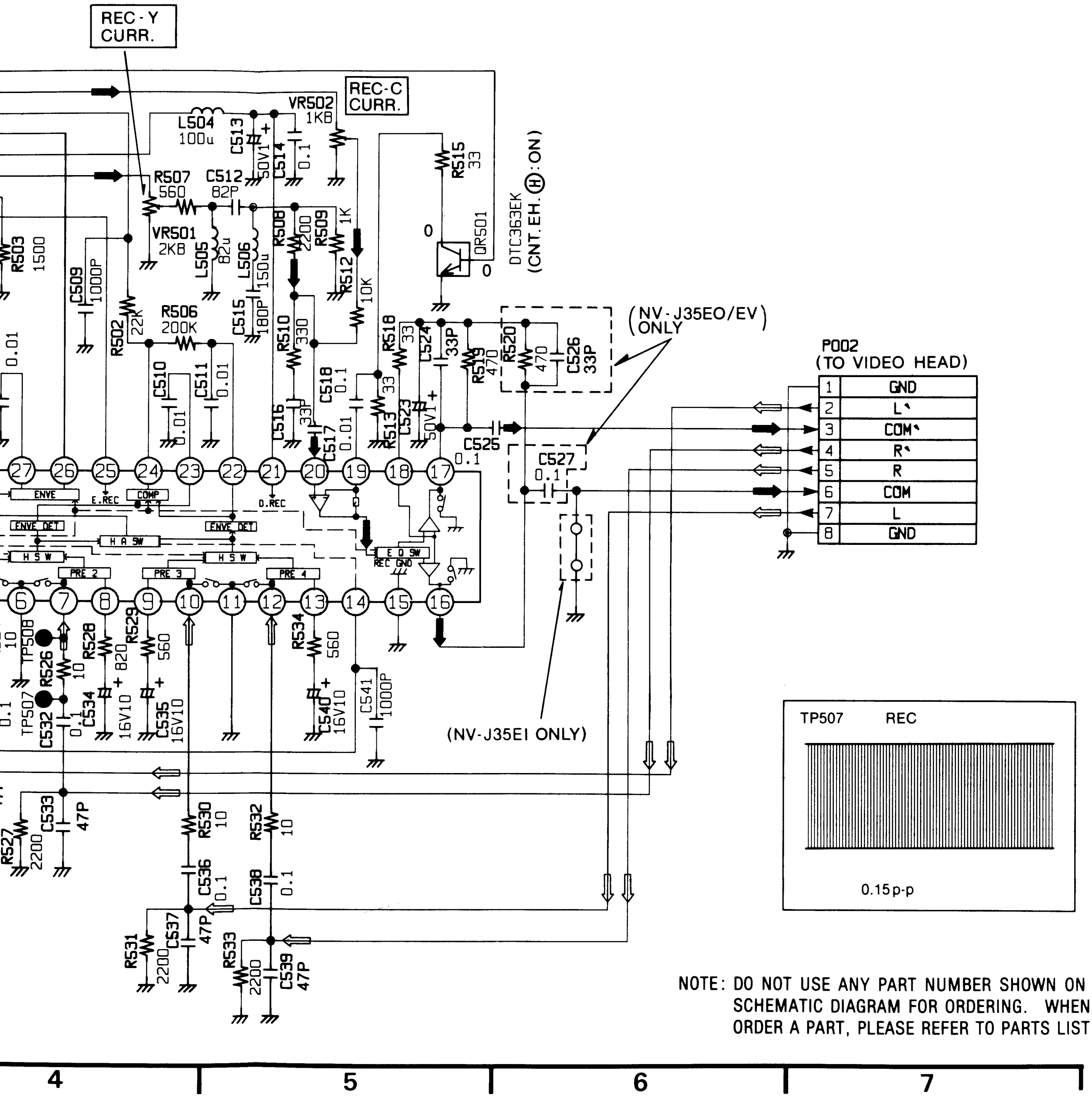
14. HEAD AMP C.B.A.
(VEP05137A: NV-J35EO/EV



(NV-J35EO/EV)
C526
R520
C523
C524
R519
R518
C540
R531
C536
C537
(NV-J35EO/EV)
C527
C525
R533
C535
C539
R525
C531
(NV-J35EI)
P002
C
B
A
1
2

ODE

ACK MODE

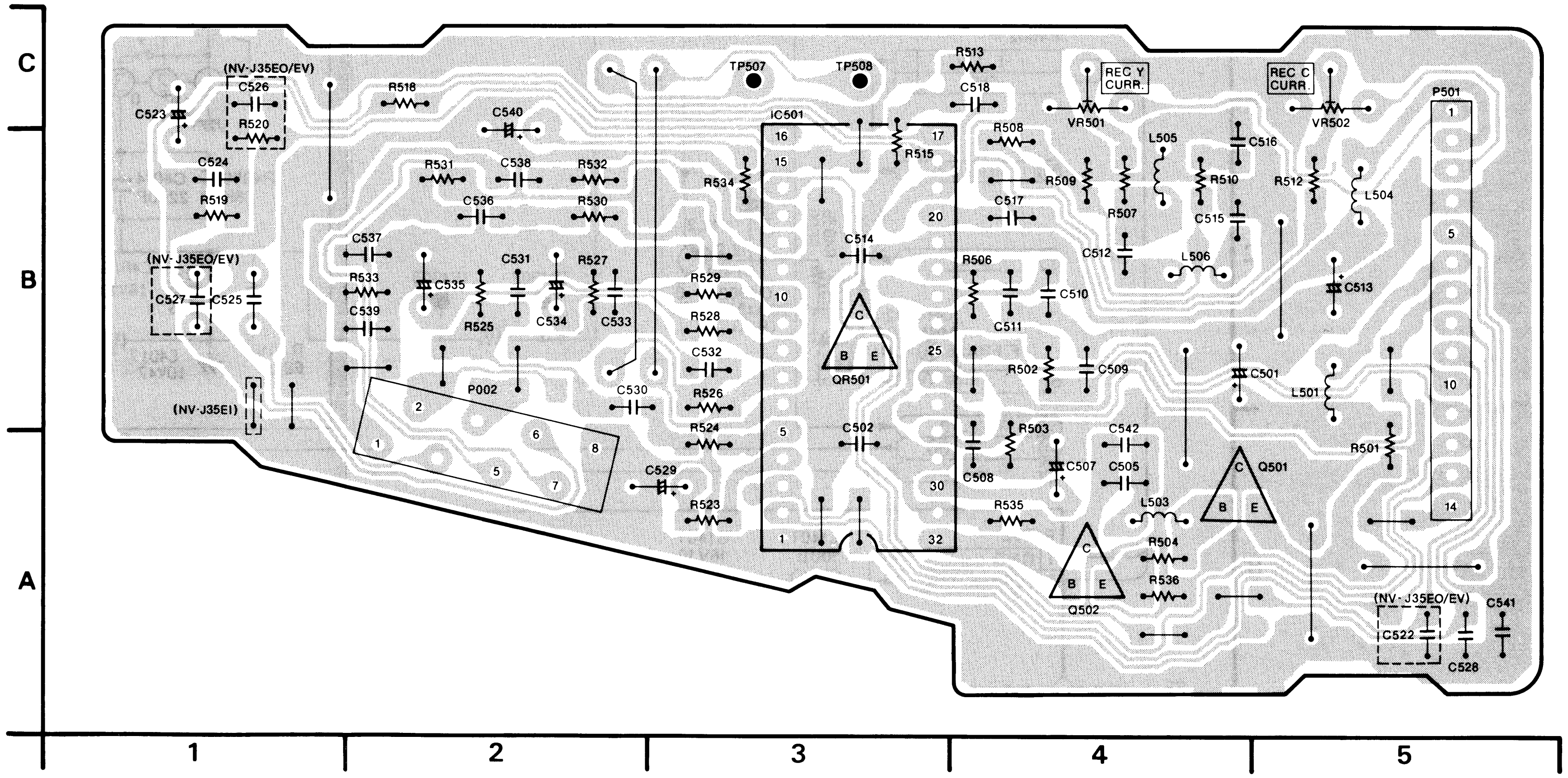

REC·Y CURR.
REC·C CURR.
L504 100u
VR502 1KB
C513 50V1
C514 0.1
R515 33
R507 560
C512 82P
VR501 2KB
L505 82u
L506 150u
R508 2200
R509 1K
R512 10K
QR501
DTC363EK
(CNT.EH.Ⓗ:ON)
R503 1500
C509 1000P
R502 22K
R506 200K
C515 180P
R510 330
R518 33
C524 33P
R520 470
C526 33P
(NV·J35EO/EV) ONLY
R519 470
C510 0.01
C511 0.01
C516 33P
C517 0.01
C518 0.1
R513 33
C523 50V1
C525 0.1
C527 0.1
P002
(TO VIDEO HEAD)
1 GND
2 L'
3 COM'
4 R'
5 R
6 COM
7 L
8 GND
ENVE
E.REC
COMP
D.REC
ENVE DET
H A SW
H S W
PRE 2
PRE 3
PRE 4
E D SW
REC GND
TP508
TP507
R526
R528
R529 560
C534
C535 16V10
C532
R534 560
C540 16V10
C541 1000P
(NV·J35EI ONLY)
C533 47P
R527 2200
R530 10
R532 10
C536 0.1
C538 0.1
R531 2200
C537 47P
R533 2200
C539 47P
TP507 REC
0.15p-p
4
5
6
7

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

14. HEAD AMP C.B.A.
(VEP05137A: NV-J35EO/EV) (VEP05137D: NV-J35EI)

HEAD AMP C.B.A.			
Transistor		**Adjustment**	
Q501	A-5	VR501	C-4
Q502	A-4	VR502	C-5
Transistor & Resistor		**Connector**	
QR501	B-3	P002	B-2
Integrated Circuit		P501	C-5
IC501	C-3		
Test Point			
TP507	C-3		
TP508	C-3		

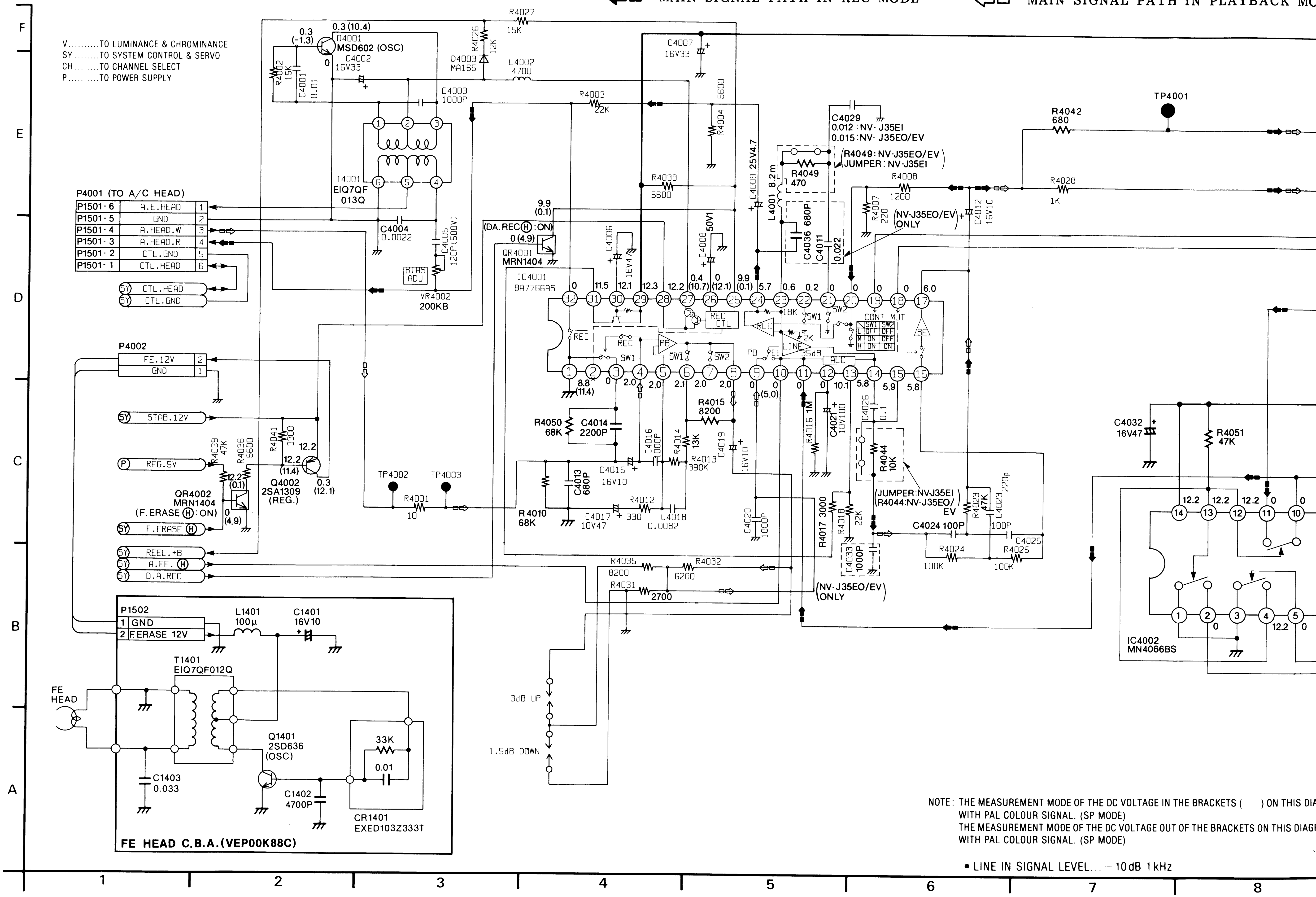
ADDRESS INFORMATION


C
B
A
1
2
3
4
5
(NV-J35EO/EV)
C526
R520
C523
C524
R519
(NV-J35EO/EV)
C527
C525
(NV-J35EI)
R518
C540
R531
C538
R532
C536
R530
C537
R533
C535
C531
R527
C539
R525
C534
C533
P002
TP507
TP508
IC501
R534
R529
R528
C532
R526
C530
R524
C529
R523
C514
QR501
C502
R515
R513
C518
R508
C517
R506
C510
C511
R502
C509
R503
C507
C505
C542
C508
R535
L503
R504
R536
Q502
REC Y CURR.
VR501
R509
R507
C512
L505
R510
C515
L506
REC C CURR.
VR502
C516
R512
L504
C513
C501
L501
Q501
R501
P501
(NV-J35EO/EV)
C522
C541
C528

Next Page:
AUDIO Section

15. AUDIO SCHEMATIC DIAGRAM

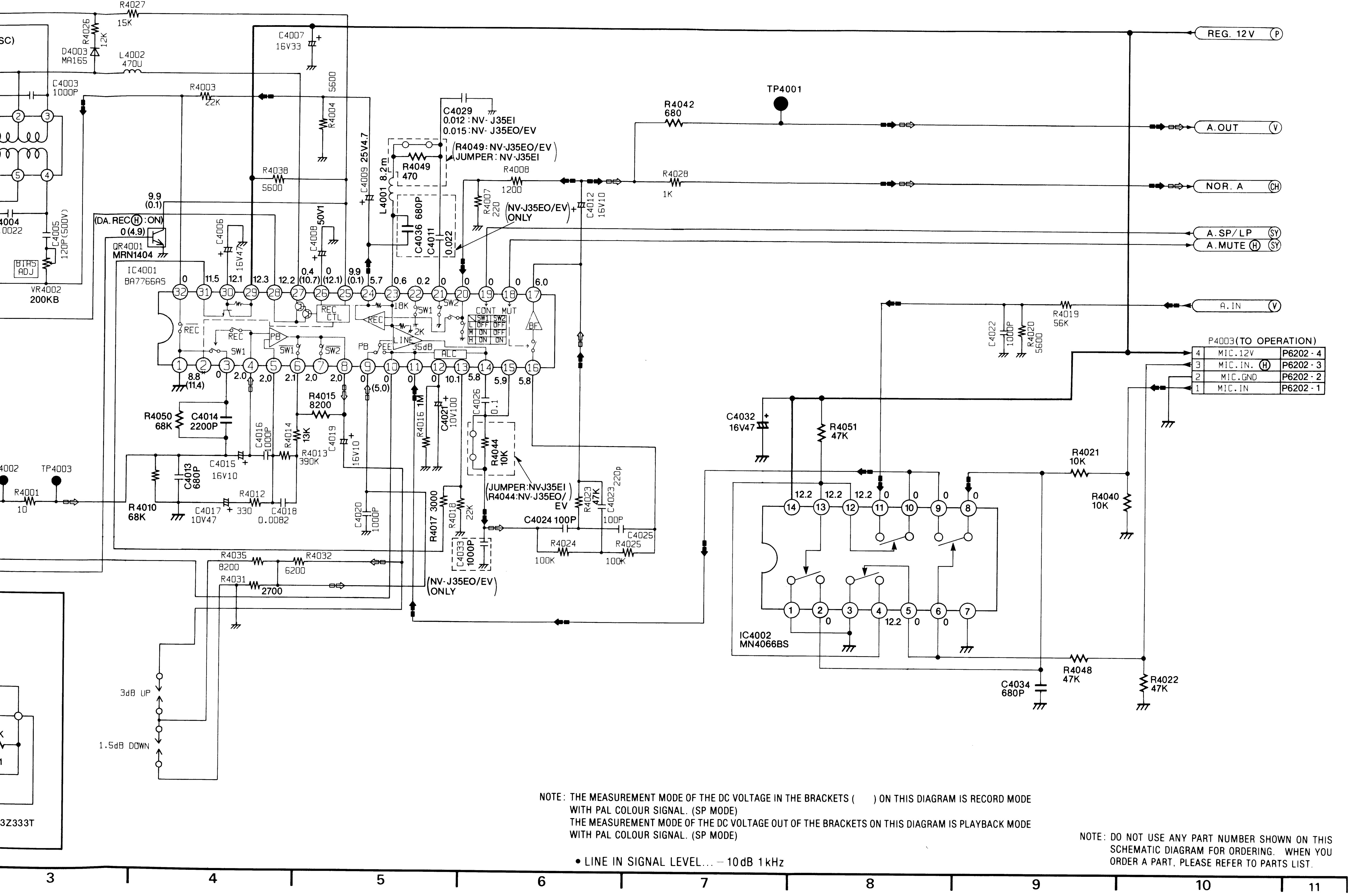
◀■ MAIN SIGNAL PATH IN REC MODE ◁□ MAIN SIGNAL PATH IN PLAYBACK MC


V..........TO LUMINANCE & CHROMINANCE
SY........TO SYSTEM CONTROL & SERVO
CH........TO CHANNEL SELECT
P..........TO POWER SUPPLY
F
E
D
C
B
A
1
2
3
4
5
6
7
8
Q4001 MSD602 (OSC)
0.3 (10.4)
0.3 (-1.3)
R4002 15K
C4001 0.01
C4002 16V33
R4027 15K
R4026 12K
D4003 MA165
L4002 470U
C4003 1000P
T4001 EIQ7QF013Q
R4003 22K
C4007 16V33
R4004 5600
R4038 5600
C4029 0.012 : NV-J35EI 0.015 : NV-J35EO/EV
R4049 : NV-J35EO/EV JUMPER : NV-J35EI
R4049 470
R4008 1200
R4007 220
(NV-J35EO/EV) ONLY
C4012 16V10
C4009 25V4.7
L4001 8.2m
C4036 680P
C4011 0.022
TP4001
R4042 680
R4028 1K
P4001 (TO A/C HEAD)
P1501-6 A.E.HEAD 1
P1501-5 GND 2
P1501-4 A.HEAD.W 3
P1501-3 A.HEAD.R 4
P1501-2 CTL.GND 5
P1501-1 CTL.HEAD 6
SY CTL.HEAD
SY CTL.GND
C4004 0.0022
C4005 120P(500V)
BIAS ADJ
VR4002 200KB
9.9 (0.1)
(DA.REC H : ON)
0 (4.9)
QR4001 MRN1404
C4006 16V47
C4008 50V1
IC4001 BA7766AS
REC
SW1
PB
SW2
REC CTL
LINE
35dB
ALC
CONT MUT
BF
18K
2K
P4002
FE.12V 2
GND 1
SY STAB.12V
P REG.5V
SY F.ERASE H
SY REEL.+B
SY A.EE. H
SY D.A.REC
R4039 47K
R4036 5600
R4041 3300
Q4002 2SA1309 (REG.)
QR4002 MRN1404 (F.ERASE H : ON)
TP4002
TP4003
R4001 10
R4050 68K
C4014 2200P
C4013 680P
C4015 16V10
R4010 68K
C4017 16V47
R4012 330
C4018 0.0082
C4016 1000P
R4014 13K
R4013 390K
R4015 8200
C4019 16V10
C4020 1000P
R4016 1M
C4021 10V100
C4026 0.1
R4044 10K
(JUMPER:NVJ35EI R4044:NV-J35EO/ EV
R4017 3000
R4018 22K
C4033 1000P
(NV-J35EO/EV) ONLY
R4023 47K
C4023 220p
C4024 100P
C4025 100P
R4024 100K
R4025 100K
R4035 8200
R4032 6200
R4031 2700
3dB UP
1.5dB DOWN
C4032 16V47
R4051 47K
IC4002 MN4066BS
P1502
1 GND
2 F.ERASE 12V
L1401 100µ
C1401 16V10
T1401 EIQ7QF012Q
FE HEAD
Q1401 2SD636 (OSC)
C1403 0.033
C1402 4700P
33K
0.01
CR1401 EXED103Z333T
FE HEAD C.B.A.(VEP00K88C)

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIA WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGR WITH PAL COLOUR SIGNAL. (SP MODE)

- LINE IN SIGNAL LEVEL... −10dB 1kHz

◀■ MAIN SIGNAL PATH IN REC MODE ◁□ MAIN SIGNAL PATH IN PLAYBACK MODE

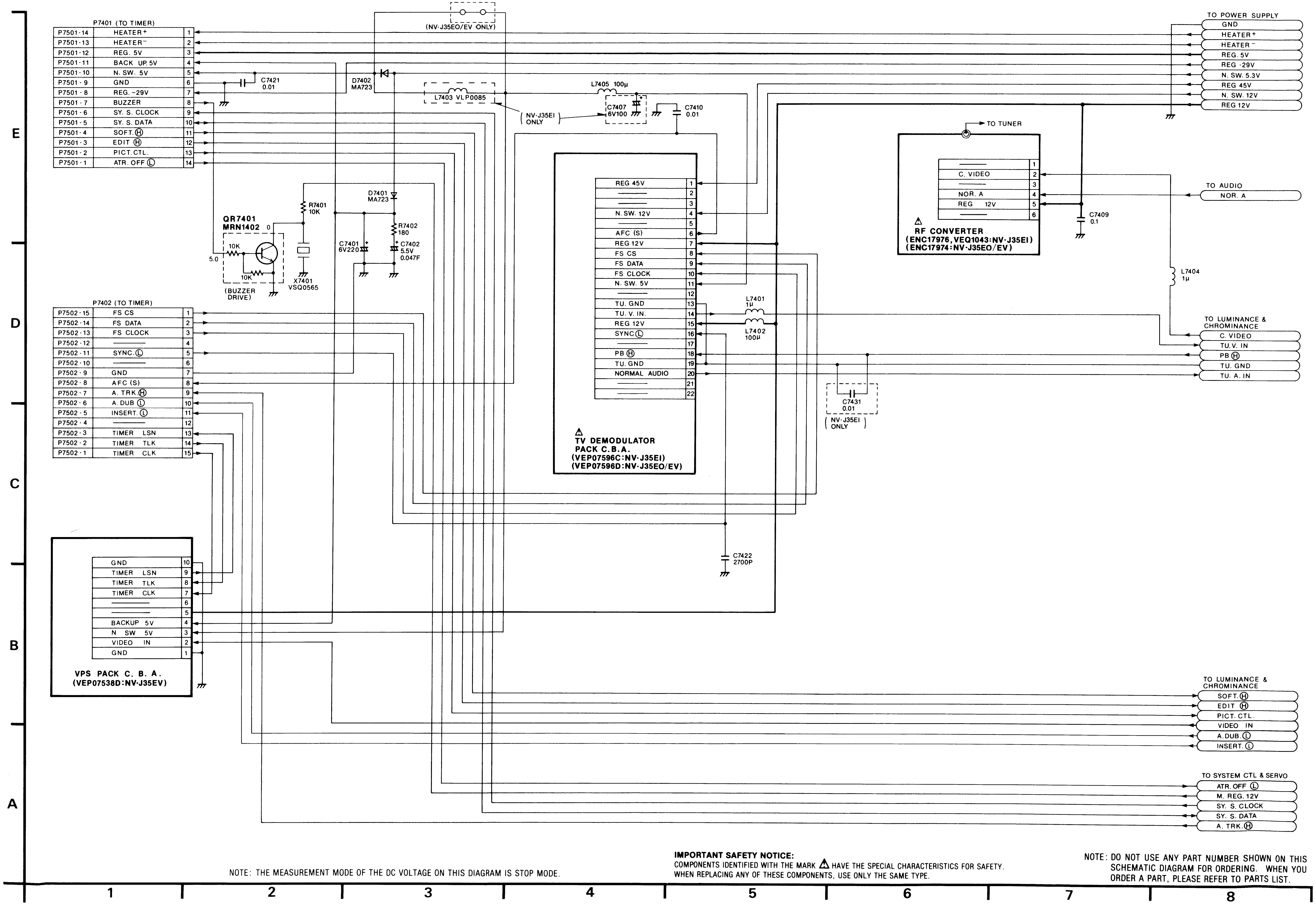

R4027
15K
R4026
12K
D4003
MA165
L4002
470U
C4003
1000P
C4007
16V33
R4003
22K
R4004
5600
REG. 12V
P
TP4001
R4042
680
A.OUT
V
C4029
0.012 : NV- J35EI
0.015 : NV- J35EO/EV
R4049 : NV-J35EO/EV
JUMPER : NV-J35EI
R4049
470
C4009 25V4.7
L4001 8.2m
R4008
1200
R4007
220
R4028
1K
NOR. A
CH
R4038
5600
9.9
(0.1)
(DA. REC H : ON)
0 (4.9)
QR4001
MRN1404
C4006
16V47
C4008
50V1
C4036 680P
C4011
0.022
NV-J35EO/EV
ONLY
C4012
16V10
A.SP/LP
SY
A.MUTE H
SY
IC4001
BA7766AS
0
11.5
12.1
12.3
12.2
0.4
(10.7)
0
(12.1)
9.9
(0.1)
5.7
0.6
0.2
0
0
0
0
6.0
REC
REC CTL
18K
SW1
SW2
CONT
MUT
SW1
SW2
L
OFF
OFF
M
ON
OFF
H
ON
ON
BF
REC
PB
SW1
SW2
REC
PB
EE
LINE
2K
35dB
ALC
A.IN
V
R4019
56K
C4022
1000P
R4020
5600
P4003 (TO OPERATION)
4
MIC.12V
P6202 - 4
3
MIC.IN. H
P6202 - 3
2
MIC.GND
P6202 - 2
1
MIC.IN
P6202 - 1
8.8
(11.4)
2.0
2.0
2.1
2.0
2.0
0
(5.0)
0
0
0
10.1
5.8
5.9
5.8
R4050
68K
C4014
2200P
C4016
1000P
R4014
13K
R4015
8200
C4019
16V10
R4016 1M
C4021
10V100
C4026
0.1
R4044
10K
C4032
16V47
R4051
47K
4002
TP4003
R4001
10
R4010
68K
C4013
680P
C4015
16V10
R4013
390K
R4012
330
C4017
10V47
C4018
0.0082
C4020
1000P
R4017 3000
R4018
22K
JUMPER : NVJ35EI
R4044 : NV-J35EO/EV
R4023
47K
C4023
220p
C4024 100P
100P
C4025
R4024
100K
R4025
100K
C4033
1000P
NV-J35EO/EV
ONLY
R4035
8200
R4032
6200
R4031
2700
R4021
10K
R4040
10K
12.2
12.2
12.2
0
0
0
0
IC4002
MN4066BS
0
12.2
0
0
R4048
47K
C4034
680P
R4022
47K
3dB UP
1.5dB DOWN
SC)
4004
0022
C4005
120P (500V)
BIAS ADJ
VR4002
200KB
3Z333T
3
4
5
6
7
8
9
10
11

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

• LINE IN SIGNAL LEVEL... −10dB 1kHz

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

16. CHANNEL SELECT SCHEMATIC DIAGRAM

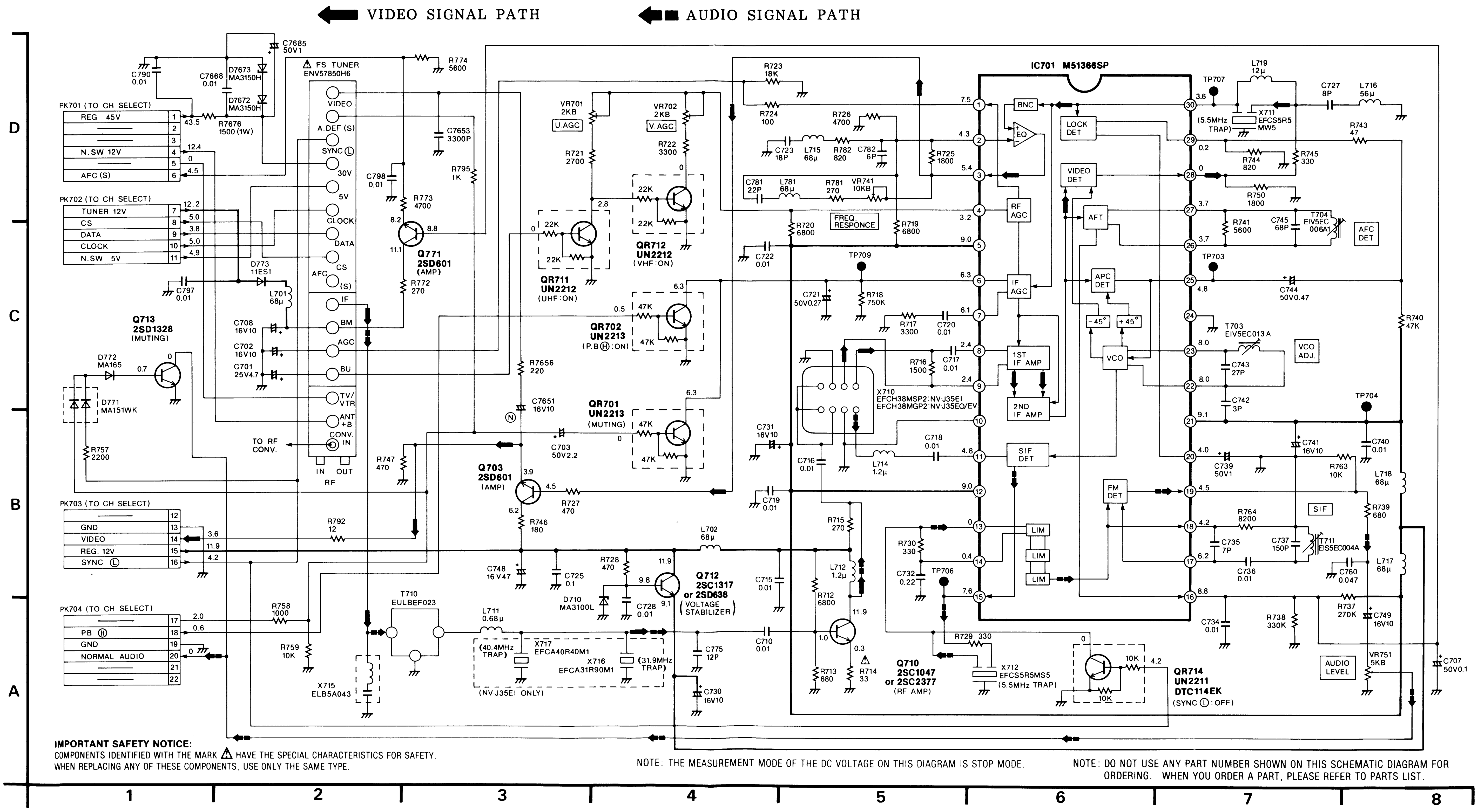

P7401 (TO TIMER)
P7501-14 HEATER+ 1
P7501-13 HEATER− 2
P7501-12 REG. 5V 3
P7501-11 BACK UP. 5V 4
P7501-10 N. SW. 5V 5
P7501-9 GND 6
P7501-8 REG. −29V 7
P7501-7 BUZZER 8
P7501-6 SY. S. CLOCK 9
P7501-5 SY. S. DATA 10
P7501-4 SOFT. Ⓗ 11
P7501-3 EDIT Ⓗ 12
P7501-2 PICT. CTL. 13
P7501-1 ATR. OFF Ⓛ 14
(NV-J35EO/EV ONLY)
C7421 0.01
D7402 MA723
L7403 VLP0085
(NV-J35EI ONLY)
L7405 100μ
C7407 6V100
C7410 0.01
QR7401 MRN1402
5.0
0
10K
10K
(BUZZER DRIVE)
R7401 10K
X7401 VSQ0565
D7401 MA723
C7401 6V220
R7402 180
C7402 5.5V 0.047F
P7402 (TO TIMER)
P7502-15 FS CS 1
P7502-14 FS DATA 2
P7502-13 FS CLOCK 3
P7502-12 4
P7502-11 SYNC. Ⓛ 5
P7502-10 6
P7502-9 GND 7
P7502-8 AFC (S) 8
P7502-7 A. TRK. Ⓗ 9
P7502-6 A. DUB Ⓛ 10
P7502-5 INSERT. Ⓛ 11
P7502-4 12
P7502-3 TIMER LSN 13
P7502-2 TIMER TLK 14
P7502-1 TIMER CLK 15
GND 10
TIMER LSN 9
TIMER TLK 8
TIMER CLK 7
6
5
BACKUP 5V 4
N SW 5V 3
VIDEO IN 2
GND 1
VPS PACK C. B. A. (VEP07538D:NV-J35EV)
REG 45V 1
2
3
N. SW. 12V 4
5
AFC (S) 6
REG 12V 7
FS CS 8
FS DATA 9
FS CLOCK 10
N. SW. 5V 11
12
TU. GND 13
TU. V. IN. 14
REG 12V 15
SYNC Ⓛ 16
17
PB Ⓗ 18
TU. GND 19
NORMAL AUDIO 20
21
22
⚠ TV DEMODULATOR PACK C.B.A. (VEP07596C:NV-J35EI) (VEP07596D:NV-J35EO/EV)
L7401 1μ
L7402 100μ
C7431 0.01
(NV-J35EI ONLY)
C7422 2700P
TO TUNER
1
C. VIDEO 2
3
NOR. A 4
REG 12V 5
6
⚠ RF CONVERTER (ENC17976,VEQ1043:NV-J35EI) (ENC17974:NV-J35EO/EV)
C7409 0.1
L7404 1μ
TO POWER SUPPLY
GND
HEATER+
HEATER−
REG. 5V
REG −29V
N. SW. 5.3V
REG 45V
N. SW. 12V
REG 12V
TO AUDIO
NOR. A
TO LUMINANCE & CHROMINANCE
C. VIDEO
TU.V. IN
PB Ⓗ
TU. GND
TU. A. IN
TO LUMINANCE & CHROMINANCE
SOFT. Ⓗ
EDIT Ⓗ
PICT. CTL.
VIDEO IN
A. DUB. Ⓛ
INSERT. Ⓛ
TO SYSTEM CTL & SERVO
ATR. OFF Ⓛ
M. REG. 12V
SY. S. CLOCK
SY. S. DATA
A. TRK. Ⓗ
E
D
C
B
A
1
2
3
4
5
6
7
8

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

17. TV DEMODULATOR PACK SCHEMATIC DIAGRAM


VIDEO SIGNAL PATH
AUDIO SIGNAL PATH
IC701 M51366SP
BNC
EQ
LOCK DET
VIDEO DET
RF AGC
AFT
IF AGC
APC DET
-45°
+45°
VCO
1ST IF AMP
2ND IF AMP
SIF DET
FM DET
LIM
AFC DET
VCO ADJ.
SIF
AUDIO LEVEL
FREQ. RESPONCE
U.AGC
V.AGC
FS TUNER ENV57850H6
VIDEO
A.DEF (S)
SYNC Ⓛ
30V
5V
CLOCK
DATA
CS
AFC (S)
IF
BM
AGC
BU
TV/VTR
ANT +B
CONV. IN
IN OUT RF
TO RF CONV.
PK701 (TO CH SELECT)
REG 45V
N.SW 12V
AFC (S)
PK702 (TO CH SELECT)
TUNER 12V
CS
DATA
CLOCK
N.SW 5V
PK703 (TO CH SELECT)
GND
VIDEO
REG. 12V
SYNC Ⓛ
PK704 (TO CH SELECT)
PB Ⓗ
GND
NORMAL AUDIO
Q713 2SD1328 (MUTING)
D772 MA165
D771 MA151WK
R757 2200
D773 11ES1
L701 68μ
C797 0.01
C790 0.01
C7668 0.01
D7673 MA3150H
D7672 MA3150H
C7685 50V1
R7676 1500 (1W)
C708 16V10
C702 16V10
C701 25V4.7
C7653 3300P
C798 0.01
R774 5600
R795 1K
R773 4700
Q771 2SD601 (AMP)
R772 270
R747 470
R792 12
R758 1000
R759 10K
X715 ELB5A043
T710 EULBEF023
L711 0.68μ
X717 EFCA40R40M1 (40.4MHz TRAP)
X716 EFCA31R90M1 (31.9MHz TRAP)
(NV-J35EI ONLY)
VR701 2KB
VR702 2KB
R721 2700
R722 3300
QR711 UN2212 (UHF:ON)
QR712 UN2212 (VHF:ON)
QR702 UN2213 (P.B Ⓗ:ON)
QR701 UN2213 (MUTING)
R7656 220
C7651 16V10
C703 50V2.2
Q703 2SD601 (AMP)
R746 180
R727 470
C748 16V47
C725 0.1
D710 MA3100L
R728 470
C728 0.01
Q712 2SC1317 or 2SD638 (VOLTAGE STABILIZER)
C775 12P
C730 16V10
C710 0.01
L702 68μ
C715 0.01
C731 16V10
C719 0.01
C722 0.01
R723 18K
R724 100
R726 4700
C723 18P
L715 68μ
R782 820
C782 6P
R725 1800
C781 22P
L781 68μ
R781 270
VR741 10KB
R720 6800
R719 6800
TP709
C721 50V0.27
R718 750K
R717 3300
C720 0.01
R716 1500
C717 0.01
X710 EFCH38MSP2:NV-J35EI EFCH38MGP2:NV-J35EQ/EV
C716 0.01
L714 1.2μ
C718 0.01
R715 270
L712 1.2μ
R712 6800
R730 330
C732 0.22
TP706
R729 330
R713 680
R714 33
Q710 2SC1047 or 2SC2377 (RF AMP)
X712 EFCS5R5MS5 (5.5MHz TRAP)
QR714 UN2211 DTC114EK (SYNC Ⓛ:OFF)
TP707
L719 12μ
X711 EFCS5R5MW5 (5.5MHz TRAP)
C727 8P
L716 56μ
R743 47
R744 820
R745 330
R750 1800
R741 5600
C745 68P
T704 EIV5EC006A1
TP703
C744 50V0.47
R740 47K
T703 EIV5EC013A
C743 27P
C742 3P
TP704
C741 16V10
C740 0.01
C739 50V1
R763 10K
L718 68μ
R764 8200
R739 680
C735 7P
C737 150P
T711 EIS5EC004A
C736 0.01
C760 0.047
L717 68μ
C734 0.01
R738 330K
R737 270K
C749 16V10
VR751 5KB
C707 50V0.1
1
2
3
4
5
6
7
8
A
B
C
D

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

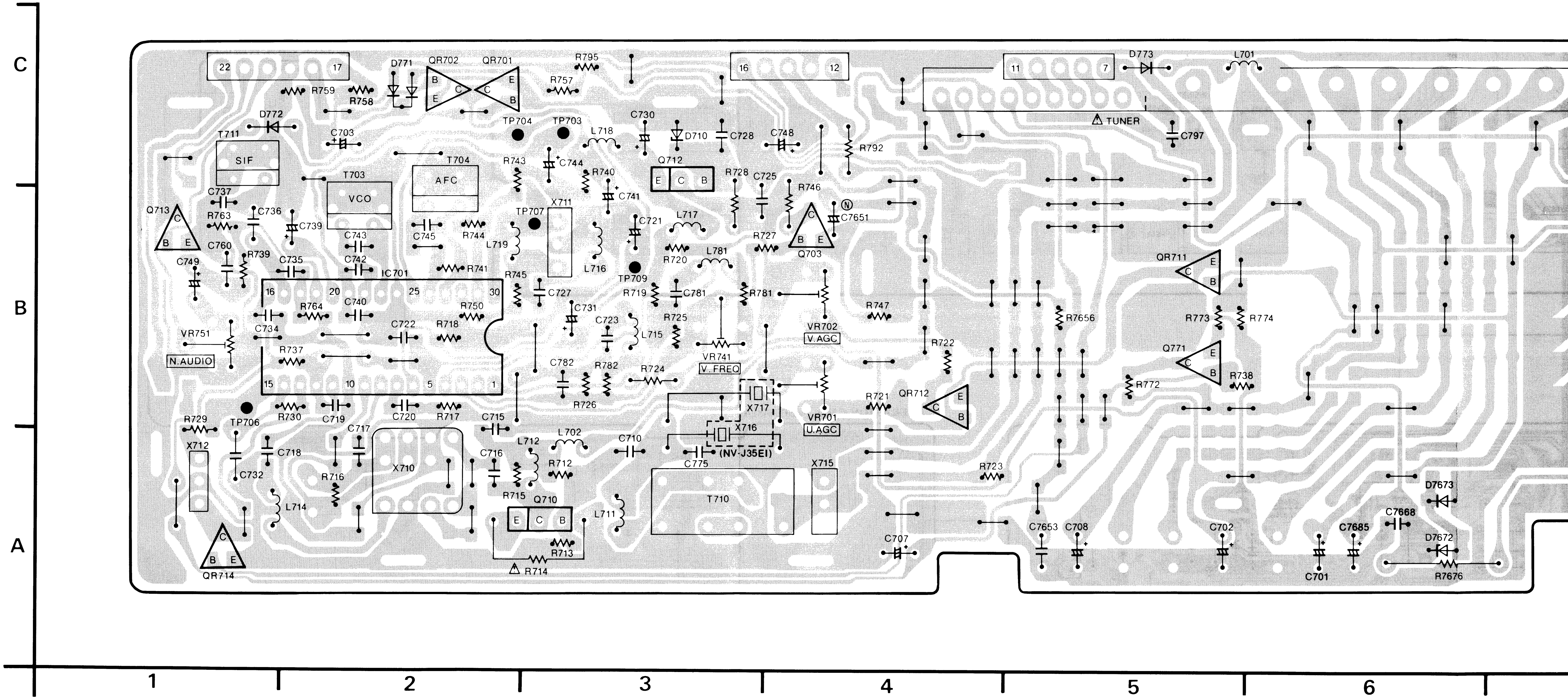
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

Back Page:
CHANNEL SELECT Section

18. TV DEMODULATOR PACK C.B.A. (VEP07596D: NV-J35EO/EV) (VEP07596C: NV-J35EI)

Transistor
Q703 Q710 Q712 Q713 Q771
Transistor & F
QR701 QR702 QR711 QR712 QR714
Integrated Cir
IC701

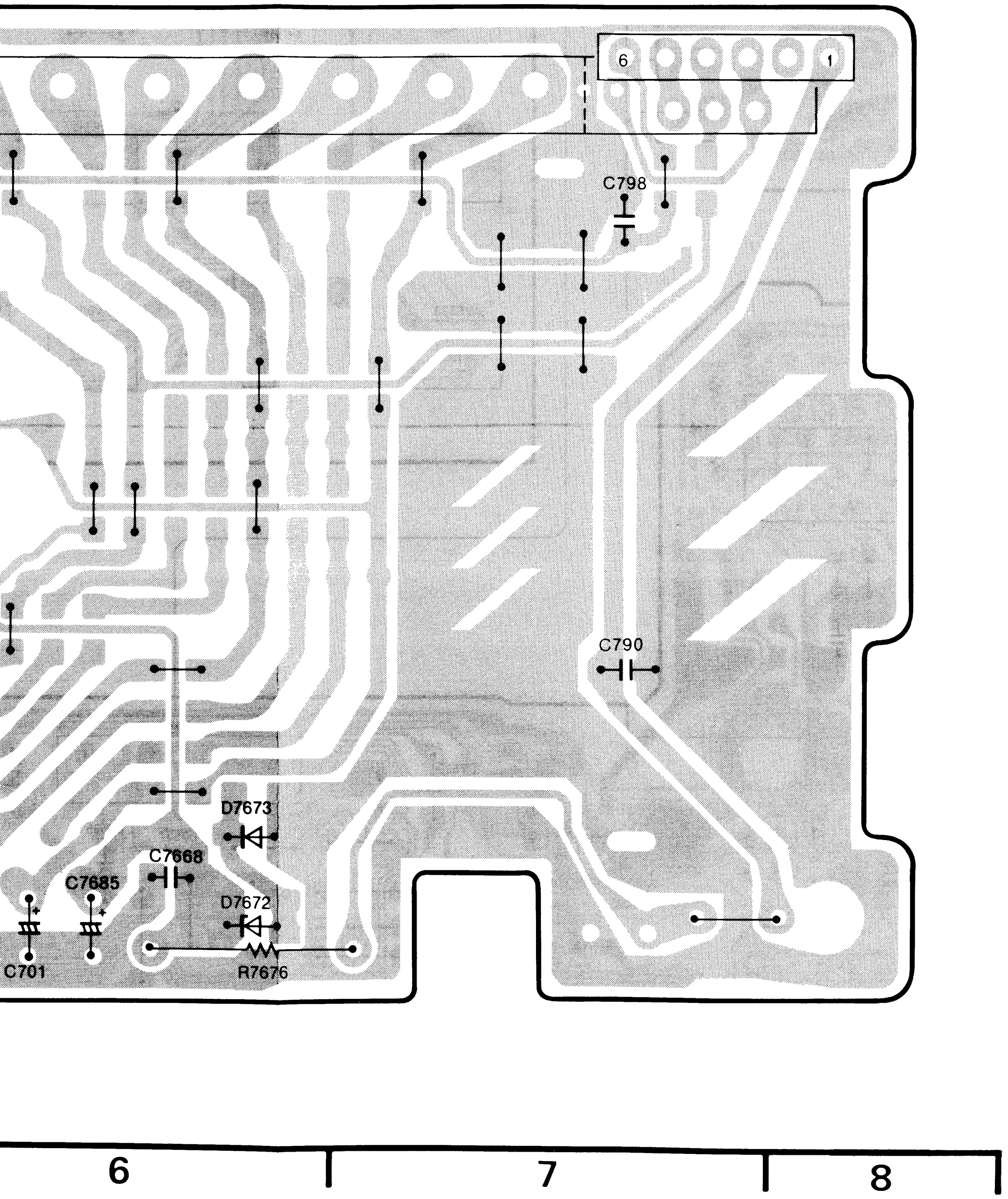
ADDRESS INFO



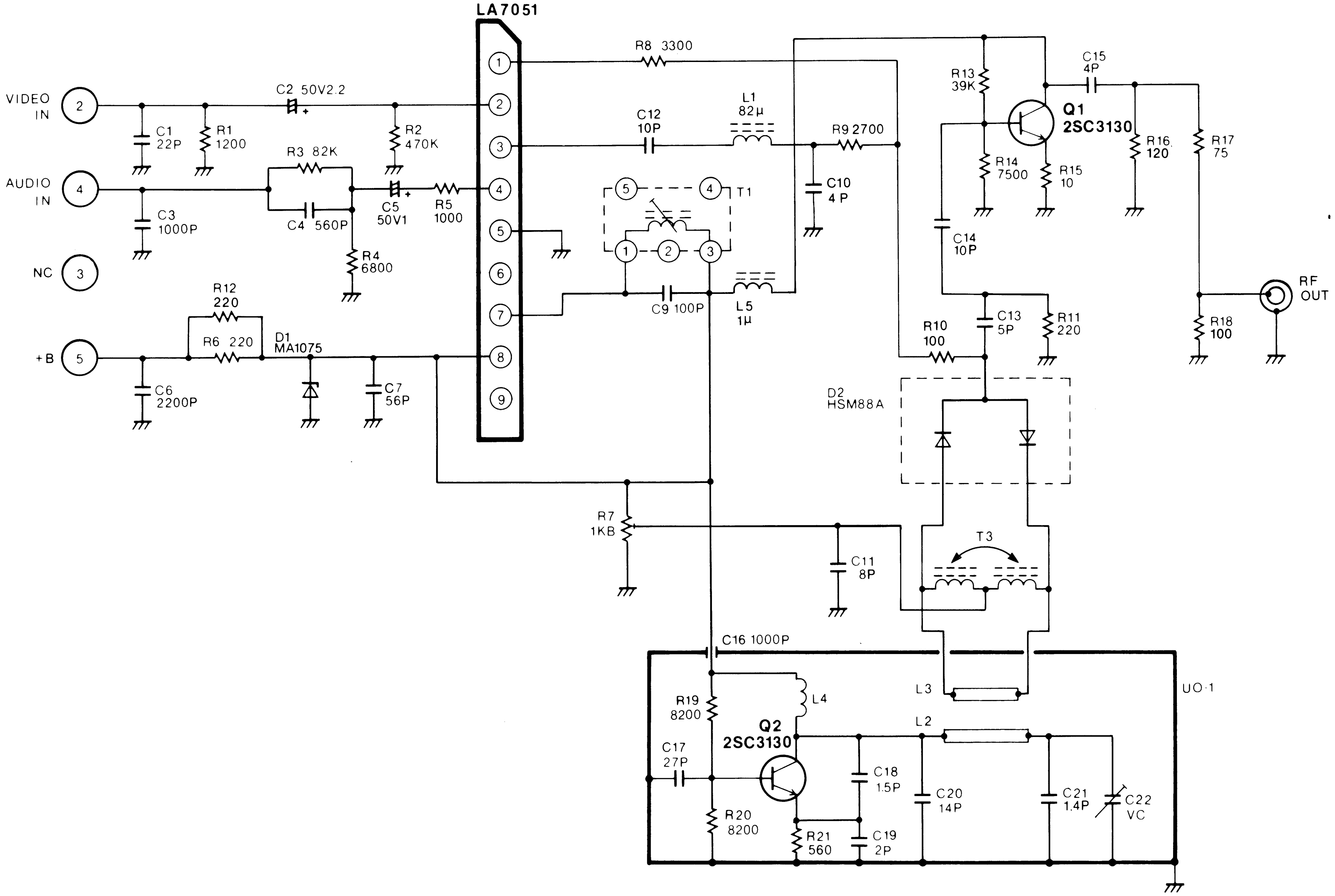
C
B
A
1
2
3
4
5
6
22
17
16
12
11
7
D771
QR702
QR701
R795
R757
R759
R758
D772
T711
SIF
C703
TP704
TP703
C730
D710
C728
C748
R792
D773
L701
TUNER
C797
T704
AFC
T703
VCO
L718
C744
R743
R740
Q712
E C B
R728
C725
R746
C7651
C737
Q713
R763
C736
C739
C745
R744
C743
C742
TP707
X711
C741
C721
L717
Q703
R727
L719
L716
R720
L781
R741
R745
TP709
C760
R739
C749
C735
IC701
16
20
25
30
C740
R764
R750
C727
C731
R719
C781
R781
VR702
V.AGC
R747
R7656
QR711
R773
R774
VR751
N.AUDIO
C734
C722
R718
C723
L715
R725
VR741
V.FREQ
R722
Q771
R737
C782
R782
R724
R738
R772
15
10
5
1
R726
X717
VR701
U.AGC
R721
QR712
R729
TP706
R730
C719
C720
R717
C715
X716
(NV-J35EI)
C717
X712
C718
L702
L712
C710
C716
C775
X715
C732
X710
R712
R716
R715
Q710
T710
R723
D7673
L714
L711
C7668
C707
C7653
C708
C702
C7685
D7672
QR714
R713
R714
C701
R7676

TV DEMODULATOR PACK C.B.A.			
Transistor		**Test Point**	
Q703	B-4	TP703	C-3
Q710	A-3	TP704	C-2
Q712	C-3	TP706	B-1
Q713	B-1	TP707	B-3
Q771	B-5	TP709	B-3
Transistor & Resistor		**Adjustment**	
QR701	C-2	T703	C-2
QR702	C-2	T704	C-2
QR711	B-5	T710	A-3
QR712	B-4	T711	C-1
QR714	A-1	VR701	B-4
Integrated Circuit		VR702	B-4
		VR741	B-3
IC701	B-2	VR751	B-1

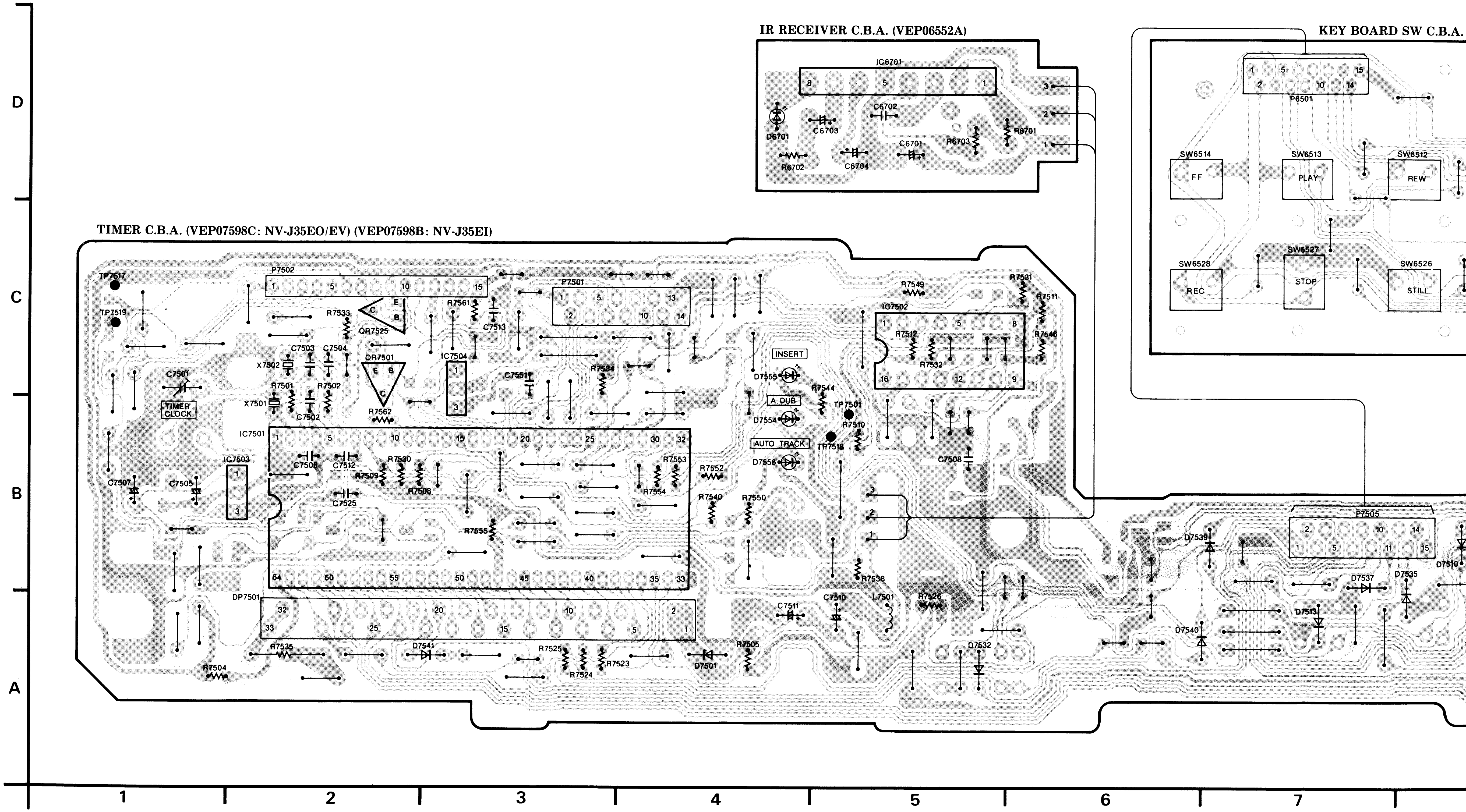
ADDRESS INFORMATION


6
1
C798
C790
D7673
C7668
C7685
D7672
C701
R7676
6
7
8

19. RF CONVERTER SCHEMATIC DIAGRAM (ENC17974: NV-J35EO/EV)


IC1
LA7051
VIDEO IN
AUDIO IN
NC
+B
C1 22P
R1 1200
C2 50V2.2
R2 470K
R3 82K
C3 1000P
C4 560P
C5 50V1
R5 1000
R4 6800
R12 220
R6 220
D1 MA1075
C6 2200P
C7 56P
R8 3300
C12 10P
L1 82μ
R9 2700
C10 4 P
T1
C9 100P
L5 1μ
R13 39K
R14 7500
R15 10
Q1 2SC3130
C15 4P
R16 120
R17 75
C14 10P
C13 5P
R11 220
R10 100
R18 100
RF OUT
D2 HSM88A
R7 1KB
C11 8P
T3
C16 1000P
L3
L4
L2
R19 8200
Q2 2SC3130
C17 27P
C18 1.5P
C20 14P
C21 1.4P
C22 VC
R20 8200
R21 560
C19 2P
UO-1

20. TIMER C.B.A. (VEP07598C: NV-J35EO/EV) (VEP07598B: NV-J35EI) & OPERATION C.B.A. (VEP06681A)


IR RECEIVER C.B.A. (VEP06552A)
KEY BOARD SW C.B.A.
TIMER C.B.A. (VEP07598C: NV-J35EO/EV) (VEP07598B: NV-J35EI)
IC6701
D6701
C6703
C6702
C6701
C6704
R6702
R6703
R6701
P6501
SW6514
FF
SW6513
PLAY
SW6512
REW
SW6528
REC
SW6527
STOP
SW6526
STILL
TP7517
TP7519
P7502
QR7525
QR7501
R7533
R7561
C7513
P7501
IC7504
C7503
C7504
X7502
X7501
R7501
R7502
C7502
R7562
C7501
TIMER CLOCK
C7551
R7534
IC7501
IC7503
C7506
C7512
C7525
R7530
R7509
R7508
R7553
R7554
R7555
C7507
C7505
DP7501
R7535
R7504
D7541
R7525
R7524
R7523
D7501
R7505
R7552
R7540
R7550
INSERT
D7555
A. DUB
D7554
AUTO TRACK
D7556
R7544
TP7501
R7510
TP7518
R7549
R7531
R7511
IC7502
R7512
R7532
R7546
C7508
R7538
C7511
C7510
L7501
R7526
D7532
P7505
D7539
D7537
D7535
D7510
D7513
D7540
A
B
C
D
1
2
3
4
5
6
7

Back Page:
TV DEMODULATOR &
RF CONVERTER Section

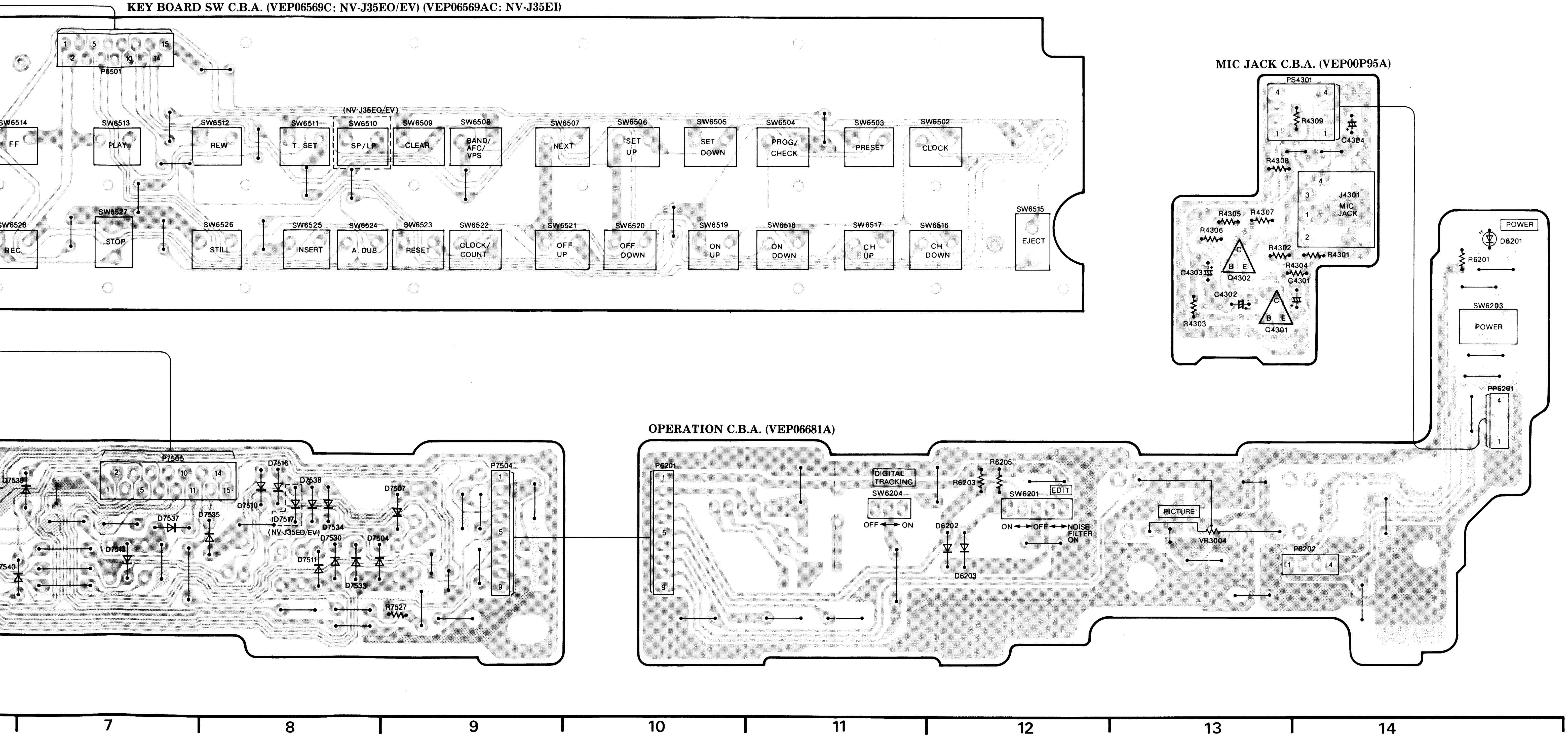
TIMER C.B.A. & OPERATION C.B.A.

Transistor	
Q4301	C-13
Q4302	C-13
Transistor & Resistor	
QR7501	C-2
QR7525	C-2
Integrated Circuit	
IC6701	D-5
IC7501	B-2
IC7502	C-5
IC7503	B-2
IC7504	C-3

Test Point	
TP7501	B-5
TP7517	C-1
TP7518	B-5
TP7519	C-1
Adjustment	
C7501	C-1
VR3004	A-13

Connector	
P6201	B-10
P6202	A-14
P6501	D-7
P7501	C-3
P7502	C-2
P7504	B-9
P7505	B-7
PS4301	D-14
PP6201	B-14

ADDRESS INFORMATION

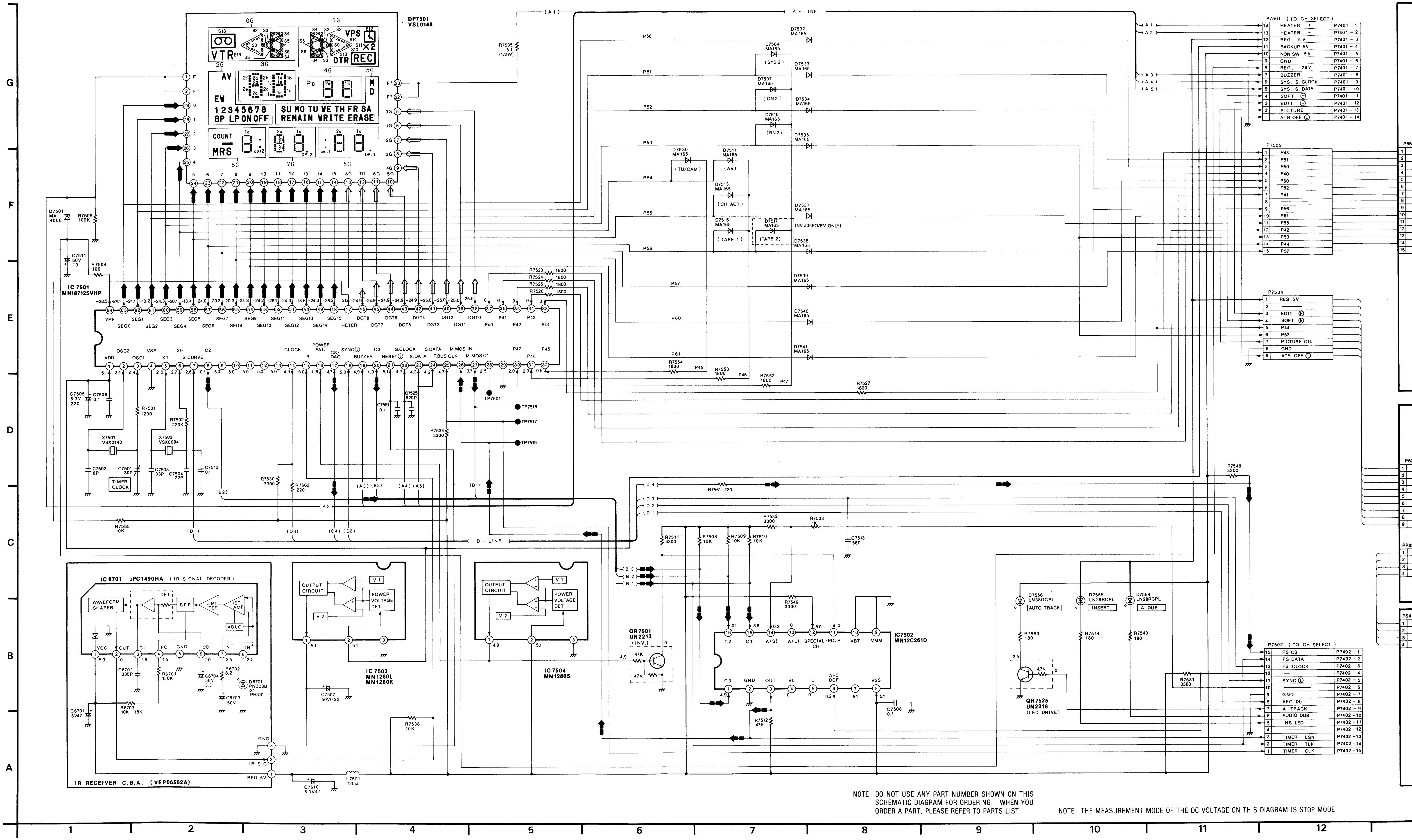

KEY BOARD SW C.B.A. (VEP06569C: NV-J35EO/EV) (VEP06569AC: NV-J35EI)
P6501
1
2
5
10
14
15
(NV-J35EO/EV)
SW6514
FF
SW6513
PLAY
SW6512
REW
SW6511
T. SET
SW6510
SP/LP
SW6509
CLEAR
SW6508
BAND/ AFC/ VPS
SW6507
NEXT
SW6506
SET UP
SW6505
SET DOWN
SW6504
PROG/ CHECK
SW6503
PRESET
SW6502
CLOCK
SW6528
REC
SW6527
STOP
SW6526
STILL
SW6525
INSERT
SW6524
A. DUB
SW6523
RESET
SW6522
CLOCK/ COUNT
SW6521
OFF UP
SW6520
OFF DOWN
SW6519
ON UP
SW6518
ON DOWN
SW6517
CH UP
SW6516
CH DOWN
SW6515
EJECT
MIC JACK C.B.A. (VEP00P95A)
PS4301
R4309
C4304
R4308
J4301
MIC JACK
R4305
R4307
R4306
R4302
R4301
R4304
C4301
C4303
Q4302
C4302
R4303
Q4301
B
C
E
POWER
D6201
R6201
SW6203
POWER
PP6201
OPERATION C.B.A. (VEP06681A)
P7505
D7539
D7516
D7538
D7510
D7537
D7535
D7517
(NV-J35EO/EV)
D7534
D7530
D7504
D7507
D7513
D7511
D7533
D7540
R7527
P7504
P6201
DIGITAL TRACKING
SW6204
OFF ← → ON
R6203
R6205
SW6201
EDIT
D6202
D6203
ON ← → OFF ← → NOISE FILTER ON
PICTURE
VR3004
P6202
7
8
9
10
11
12
13
14

21. TIMER & OPERATION SCHEMATIC DIAGRAM

SEGMENT CONTROL SIGNAL

GRID CONTROL SIGNAL

TUNE CONTROL SIGNAL



DP7501 VSL0148
IC 7501 MN187125VHP
IC 6701 μPC1490HA (IR SIGNAL DECODER)
WAVEFORM SHAPER
DET
BPF
LIMITER
1ST AMP
ABLC
IR RECEIVER C.B.A. (VEP06552A)
IC 7503 MN1280L MN1280K
IC 7504 MN1280S
OUTPUT CIRCUIT
POWER VOLTAGE DET.
IC7502 MN12C261D
QR7501 UN2213 (INV.)
QR 7525 UN2216 (LED DRIVE)
D7556 LN38GCPL AUTO TRACK
D7555 LN28RCPL INSERT
D7554 LN28RCPL A. DUB
A - LINE
D - LINE
P7501 (TO CH SELECT)
14 HEATER + P7401 - 1
13 HEATER - P7401 - 2
12 REG. 5V P7401 - 3
11 BACKUP 5V P7401 - 4
10 NON SW. 5V P7401 - 5
9 GND P7401 - 6
8 REG. -29V P7401 - 7
7 BUZZER P7401 - 8
6 SYS. S. CLOCK P7401 - 9
5 SYS. S. DATA P7401 - 10
4 SOFT (H) P7401 - 11
3 EDIT (H) P7401 - 12
2 PICTURE P7401 - 13
1 ATR.OFF (L) P7401 - 14
P7505
1 P43
2 P51
3 P50
4 P40
5 P60
6 P52
7 P41
9 P56
10 P61
11 P55
12 P42
13 P53
14 P44
15 P57
P7504
1 REG 5V
3 EDIT (H)
4 SOFT (H)
5 P44
6 P53
7 PICTURE CTL
8 GND
9 ATR. OFF (L)
P7502 (TO CH SELECT)
15 FS CS P7402 - 1
14 FS DATA P7402 - 2
13 FS CLOCK P7402 - 3
12 P7402 - 4
11 SYNC (L) P7402 - 5
10 P7402 - 6
9 GND P7402 - 7
8 AFC (S) P7402 - 8
7 A. TRACK P7402 - 9
6 AUDIO DUB P7402 - 10
5 INS LED P7402 - 11
4 P7402 - 12
3 TIMER LSN P7402 - 13
2 TIMER TLK P7402 - 14
1 TIMER CLK P7402 - 15
(NV-J35EO/EV ONLY)
TIMER CLOCK
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12

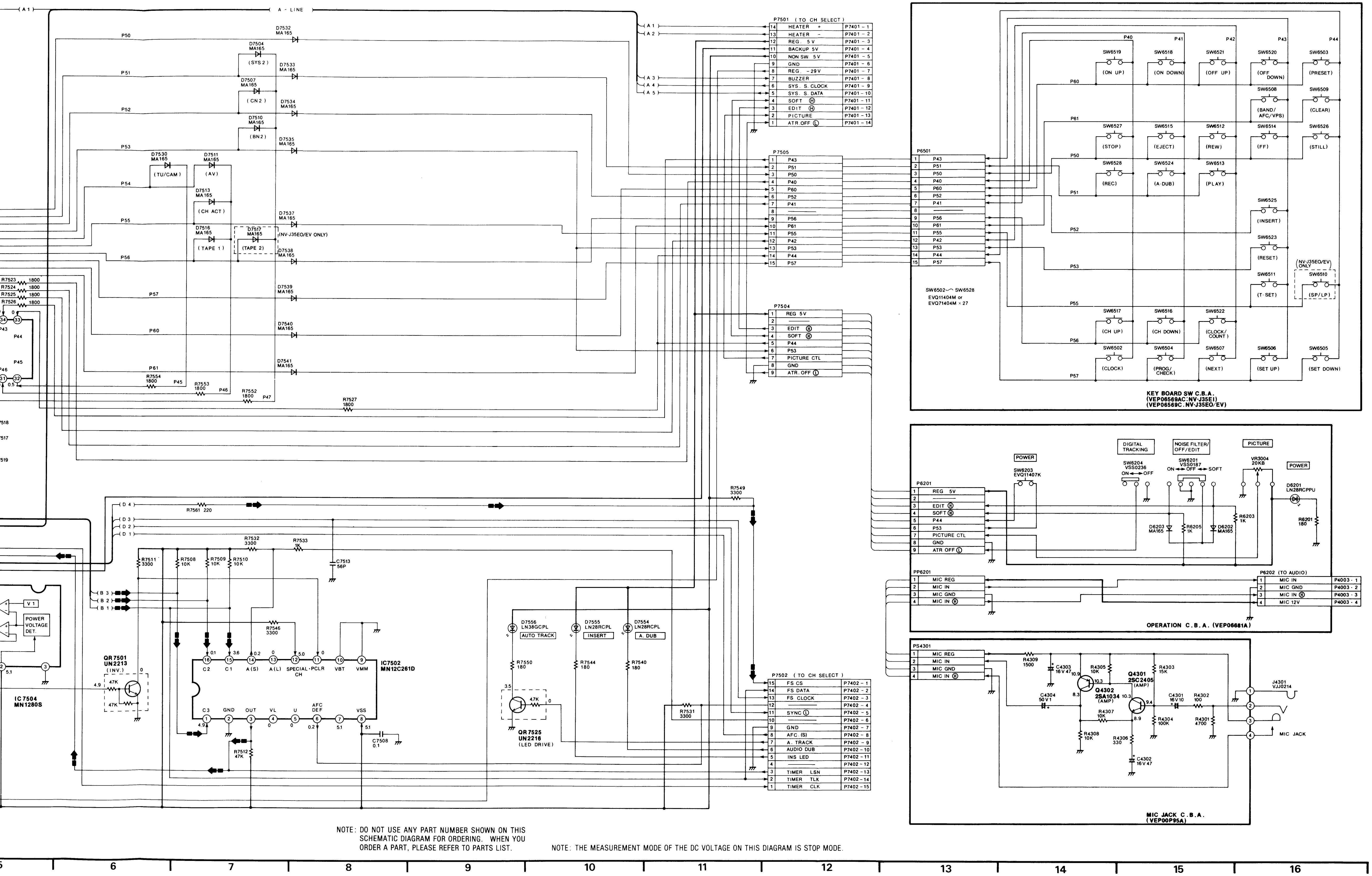
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

SEGMENT CONTROL SIGNAL

GRID CONTROL SIGNAL

TUNE CONTROL SIGNAL

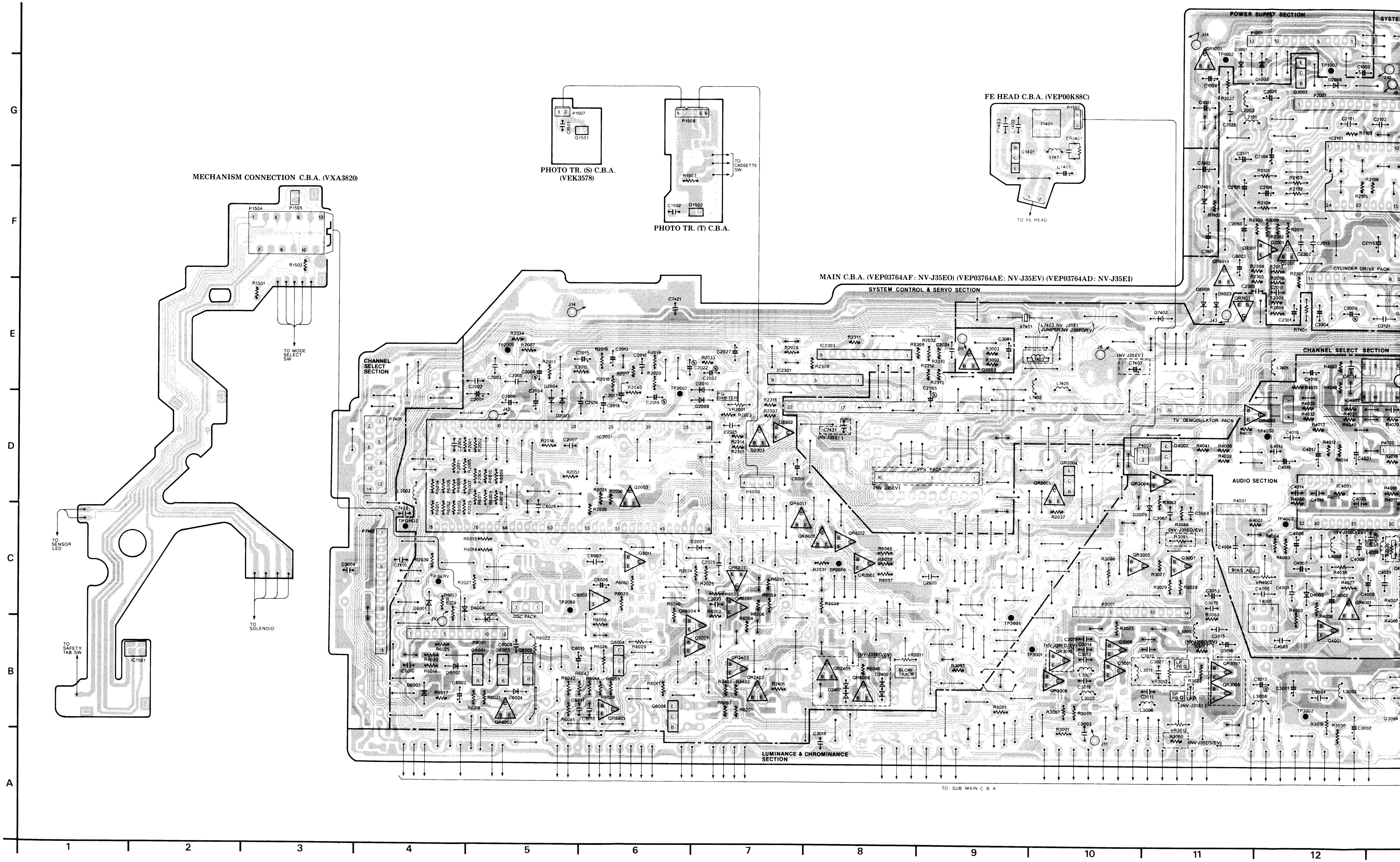

A - LINE
P7501 (TO CH SELECT)
HEATER + P7401-1
HEATER − P7401-2
REG 5V P7401-3
BACKUP 5V P7401-4
NON SW 5V P7401-5
GND P7401-6
REG −29V P7401-7
BUZZER P7401-8
SYS. S. CLOCK P7401-9
SYS. S. DATA P7401-10
SOFT Ⓗ P7401-11
EDIT Ⓗ P7401-12
PICTURE P7401-13
ATR.OFF Ⓛ P7401-14
P7505
P6501
P7504
P7502 (TO CH SELECT)
FS CS P7402-1
FS DATA P7402-2
FS CLOCK P7402-3
SYNC Ⓛ P7402-5
GND P7402-7
AFC (S) P7402-8
A. TRACK P7402-9
AUDIO DUB P7402-10
INS LED P7402-11
TIMER LSN P7402-13
TIMER TLK P7402-14
TIMER CLK P7402-15
IC7502 MN12C261D
IC7504 MN1280S
QR7501 UN2213 (INV.)
QR7525 UN2216 (LED DRIVE)
D7556 LN38GCPL AUTO TRACK
D7555 LN28RCPL INSERT
D7554 LN28RCPL A. DUB
POWER VOLTAGE DET.
(NV-J35EO/EV ONLY)
SW6502 ~ SW6528 EVQ11404M or EVQ71404M × 27
KEY BOARD SW C.B.A. (VEP06569AC:NV-J35EI) (VEP06569C. NV-J35EO/EV)
SW6519 (ON UP)
SW6518 (ON DOWN)
SW6521 (OFF UP)
SW6520 (OFF DOWN)
SW6503 (PRESET)
SW6508 (BAND/AFC/VPS)
SW6509 (CLEAR)
SW6527 (STOP)
SW6515 (EJECT)
SW6512 (REW)
SW6514 (FF)
SW6526 (STILL)
SW6528 (REC)
SW6524 (A-DUB)
SW6513 (PLAY)
SW6525 (INSERT)
SW6523 (RESET)
SW6511 (T·SET)
SW6510 (SP/LP)
SW6517 (CH UP)
SW6516 (CH DOWN)
SW6522 (CLOCK/COUNT)
SW6502 (CLOCK)
SW6504 (PROG/CHECK)
SW6507 (NEXT)
SW6506 (SET UP)
SW6505 (SET DOWN)
OPERATION C.B.A. (VEP06681A)
POWER SW6203 EVQ11407K
DIGITAL TRACKING SW6204 VSS0236
NOISE FILTER/OFF/EDIT SW6201 VSS0187
PICTURE VR3004 20KB
POWER D6201 LN28RCPPU
P6201
PP6201
P6202 (TO AUDIO)
MIC IN P4003-1
MIC GND P4003-2
MIC IN Ⓡ P4003-3
MIC 12V P4003-4
PS4301
MIC REG
MIC IN
MIC GND
MIC IN Ⓡ
Q4301 2SC2405 (AMP)
Q4302 2SA1034 (AMP)
J4301 VJJ0214
MIC JACK
MIC JACK C.B.A. (VEP00P95A)
5
6
7
8
9
10
11
12
13
14
15
16

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

Next Page:
MAIN C.B.A. Section

22. MAIN C.B.A. (VEP03764AF: NV-J35EO) (VEP03764AE: NV-J35EV) (VEP03764AD: NV-J35EI)


MECHANISM CONNECTION C.B.A. (VXA3820)
P1504
P1505
R1502
R1501
TO MODE SELECT SW
TO SENSOR LED
TO SOLENOID
TO SAFETY TAB SW
IC1501
P1507
C1501
Q1501
PHOTO TR. (S) C.B.A. (VEK3578)
P1508
TO CASSETTE SW
R1503
C1502
Q1502
PHOTO TR. (T) C.B.A.
FE HEAD C.B.A. (VEP00K88C)
P1502
T1401
Q1401
L1401
C1401
TO FE HEAD
MAIN C.B.A. (VEP03764AF: NV-J35EO) (VEP03764AE: NV-J35EV) (VEP03764AD: NV-J35EI)
POWER SUPPLY SECTION
SYSTEM CONTROL & SERVO SECTION
CHANNEL SELECT SECTION
CYLINDER DRIVE PACK
TV DEMODULATOR PACK
VPS PACK
OSC PACK
AUDIO SECTION
BIAS ADJ.
LUMINANCE & CHROMINANCE SECTION
SLOW TRACK
PG SHIFTER
IC2001
IC2301
IC2303
IC2101
IC6003
IC4001
X7401
J14
J8
J11
J43
TP2009
TP2002
TP2001
TP2026
TP2098
TP3001
TP3002
TP4002
TP4003
TP1002
TP1003
TP GND2
TP SERV
P7401
P7402
P6002
P3001
P4001
P4002
P2001
P1001
TO SUB MAIN C.B.A
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12

V-J35EV) (VEP03764AD: NV-J35EI)

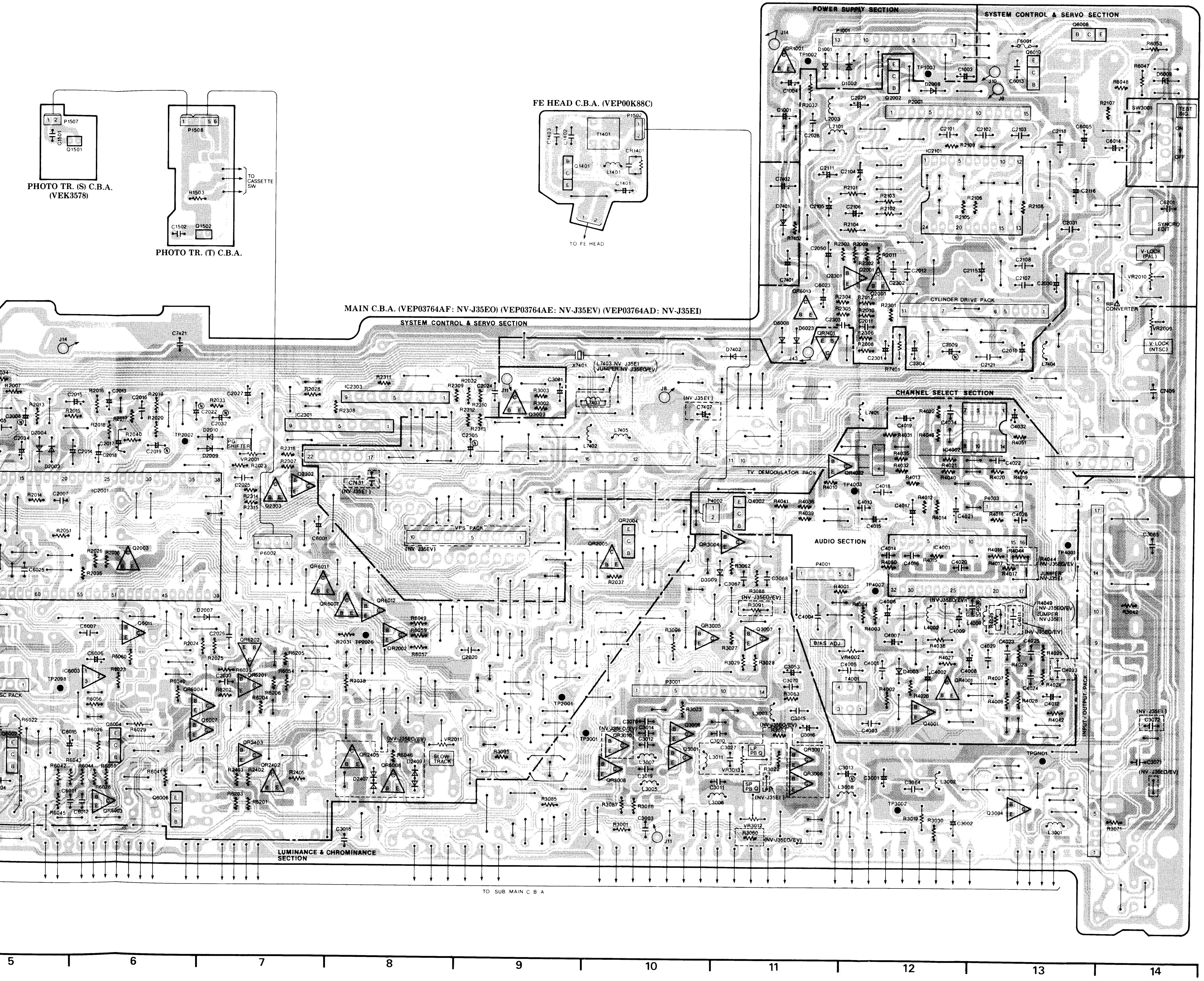


PHOTO TR. (S) C.B.A. (VEK3578)
P1507
Q1501
PHOTO TR. (T) C.B.A.
P1508
R1503
TO CASSETTE SW
C1502
Q1502
FE HEAD C.B.A. (VEP00K88C)
P1502
T1401
Q1401
L1401
CR1401
C1401
TO FE HEAD
MAIN C.B.A. (VEP03764AF: NV-J35EO) (VEP03764AE: NV-J35EV) (VEP03764AD: NV-J35EI)
POWER SUPPLY SECTION
SYSTEM CONTROL & SERVO SECTION
P1001
QR1001
TP1002
TP1003
Q6008
Q6010
SW3001
TEST SIG.
ON
OFF
SYNCRO EDIT
V-LOCK (PAL)
V LOCK (NTSC)
RF CONVERTER
VR2010
VR2009
IC2101
P2001
Q2001
Q2002
CYLINDER DRIVE PACK
CHANNEL SELECT SECTION
QR7401
P7401
P7402
IC2301
IC2302
IC2001
IC6003
PG SHIFTER
VR2001
TV DEMODULATOR PACK
VPS PACK
(NV-J35EV)
AUDIO SECTION
P4001
P4002
P4003
IC4001
IC4002
Q4001
Q4002
QR4001
QR4002
TP4001
TP4002
TP4003
VR4002
BIAS ADJ
JUMPER NV-J35EI
INPUT / OUTPUT PACK
SLOW TRACK
VR2011
P3001
LP PB Q
SP PB Q
VR3012
VR3013
TP3001
TP3002
TPGND1
TP2001
TP2026
TP2098
LUMINANCE & CHROMINANCE SECTION
SC PACK
TO SUB MAIN C.B.A.
5
6
7
8
9
10
11
12
13
14

MAIN C.B.A. ADDRESS INFORMATION

SYSTEM CONTROL & SERVO Section	
Transistor	
Q1401	G-10
Q1501	G-6
Q1502	F-7
Q2001	F-12
Q2002	G-12
Q2003	D-6
Q2301	F-12
Q2302	D-7
Q2303	D-7
Q6001	B-5
Q6002	B-5
Q6003	B-5
Q6004	B-6
Q6006	B-6
Q6007	B-7
Q6008	H-13
Q6010	H-13
Q6011	C-6
Transistor & Resistor	
QR2002	C-8
QR2004	D-10
QR2005	D-10
QR2402	B-7
QR2403	B-7
QR2405	B-8
QR6002	B-5
QR6003	B-6
QR6004	B-7
QR6006	B-8
QR6007	C-8
QR6011	D-7
QR6012	C-8
QR6013	F-11
QR6201	C-7
QR6202	C-7
Integrated Circuit	
IC1501	B-2
IC2001	D-6
IC2101	G-12
IC2301	E-8
IC2302	E-8
IC6003	C-6
Test Point	
TP2001	C-9
TP2002	E-6
TP2009	E-5
TP2026	C-8
TP2098	C-5
TPSERV	C-4
TPGND2	C-4
Adjustment	
VR2001	D-7
VR2009	E-14
VR2010	F-14
VR2011	B-8
Connector	
P1502	G-10
P1504	F-3
P1505	F-3
P1507	G-5
P1508	G-6
P2001	G-12
P6001	B-5
P6002	D-7

ADDRESS INFORMATION

CHANNEL SELECT Section	
Transistor & Resistor	
QR7401	E-11
Connector	
P7401	D-4
P7402	C-4

ADDRESS INFORMATION

AUDIO Section	
Transistor	
Q4001	B-12
Q4002	D-11
Transistor & Resistor	
QR4001	C-12
QR4002	D-12
Integrated Circuit	
IC4001	D-12
IC4002	E-13
Test Point	
TP4001	D-13
TP4002	C-12
TP4003	D-12
Adjustment	
VR4002	C-12
Connector	
P4001	D-11
P4002	D-11
P4003	D-13

ADDRESS INFORMATION

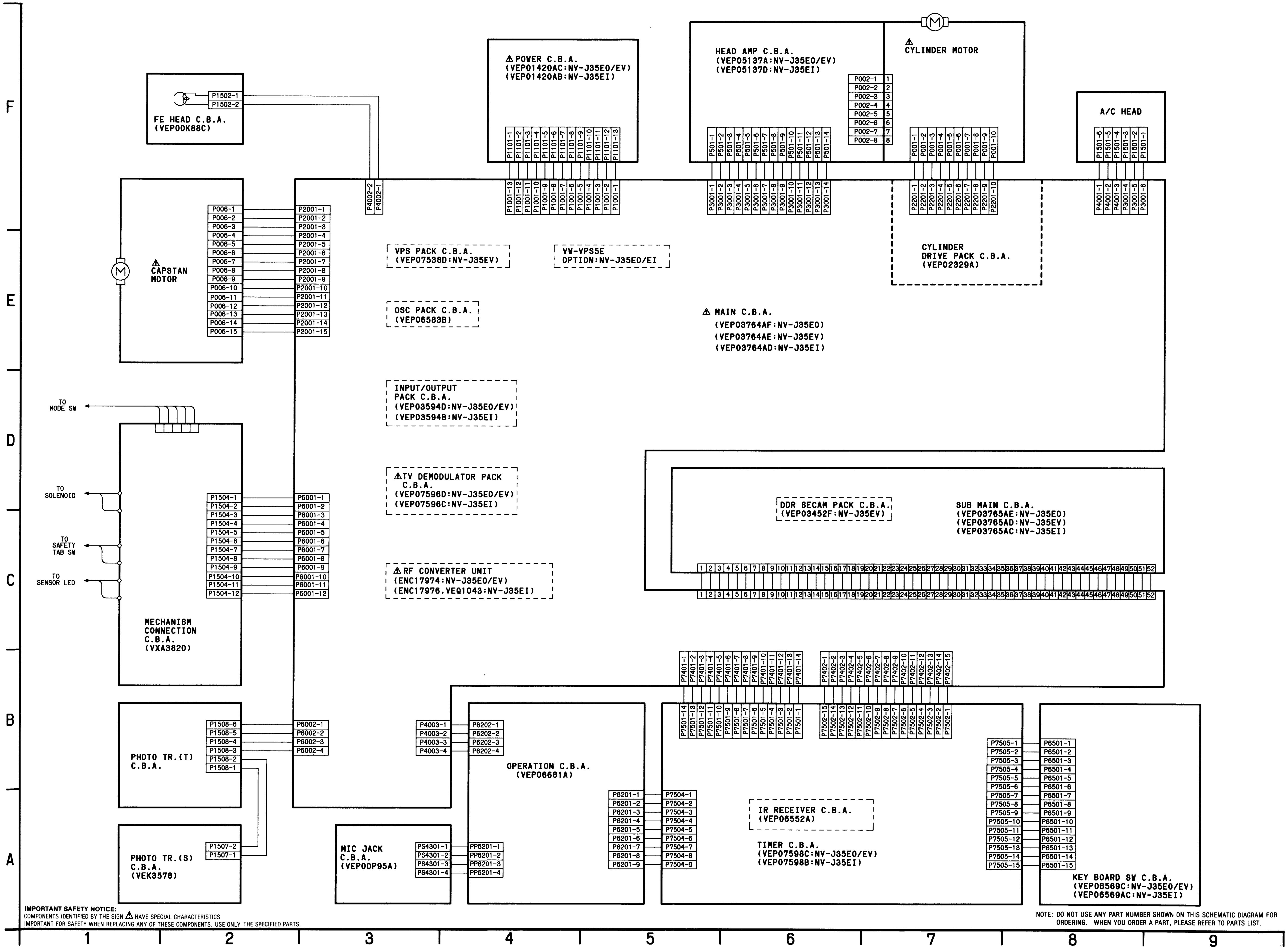
LUMINANCE & CHROMINANCE Section	
Transistor	
Q3001	B-10
Q3003	E-9
Q3004	B-13
Q3006	B-10
Q3007	C-11
Transistor & Resistor	
QR3004	D-11
QR3005	C-10
QR3006	B-11
QR3007	B-11
QR3008	B-10
QR3010	B-10
Test Point	
TP3001	B-10
TP3002	B-12
Adjustment	
VR3012	B-11
VR3013	B-11
Connector	
P3001	C-10

ADDRESS INFORMATION

POWER Section	
Transistor & Resistor	
QR1001	H-11
Test Point	
TP1002	H-11
TP1003	G-12
TPGND1	B-13
Connector	
P1001	H-12

ADDRESS INFORMATION

23. INTERCONNECTION SCHEMATIC DIAGRAM

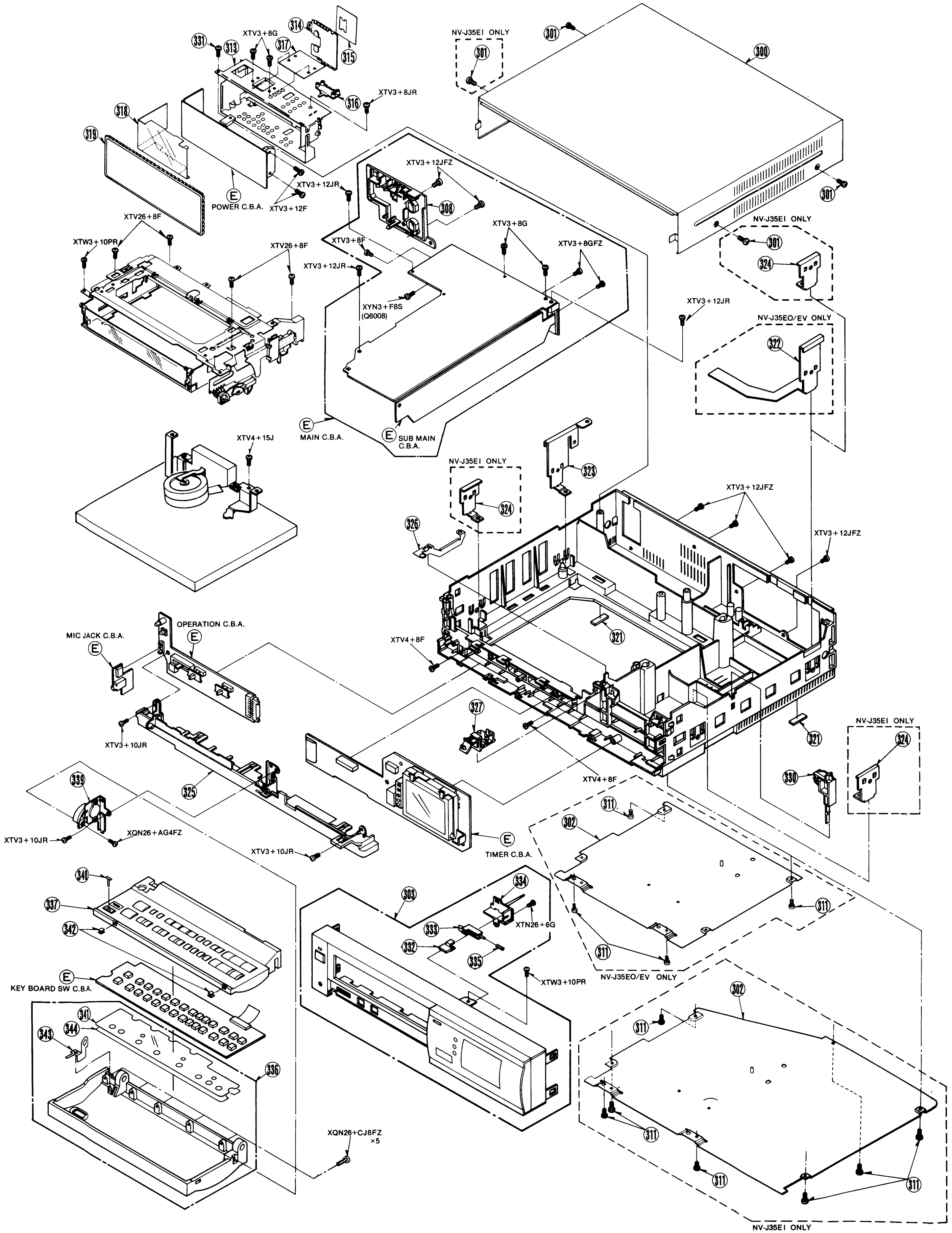

F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
FE HEAD C.B.A. (VEP00K88C)
P1502-1 P1502-2
P4002-2 P4002-1
⚠POWER C.B.A. (VEP01420AC:NV-J35EO/EV) (VEP01420AB:NV-J35EI)
P1101-1 P1101-2 P1101-3 P1101-4 P1101-5 P1101-6 P1101-7 P1101-8 P1101-9 P1101-10 P1101-11 P1101-12 P1101-13
P1001-13 P1001-12 P1001-11 P1001-10 P1001-9 P1001-8 P1001-7 P1001-6 P1001-5 P1001-4 P1001-3 P1001-2 P1001-1
HEAD AMP C.B.A. (VEP05137A:NV-J35EO/EV) (VEP05137D:NV-J35EI)
P002-1 P002-2 P002-3 P002-4 P002-5 P002-6 P002-7 P002-8
1 2 3 4 5 6 7 8
P501-1 P501-2 P501-3 P501-4 P501-5 P501-6 P501-7 P501-8 P501-9 P501-10 P501-11 P501-12 P501-13 P501-14
P3001-1 P3001-2 P3001-3 P3001-4 P3001-5 P3001-6 P3001-7 P3001-8 P3001-9 P3001-10 P3001-11 P3001-12 P3001-13 P3001-14
M
⚠ CYLINDER MOTOR
P001-1 P001-2 P001-3 P001-4 P001-5 P001-6 P001-7 P001-8 P001-9 P001-10
P2201-1 P2201-2 P2201-3 P2201-4 P2201-5 P2201-6 P2201-7 P2201-8 P2201-9 P2201-10
CYLINDER DRIVE PACK C.B.A. (VEP02329A)
A/C HEAD
P1501-6 P1501-5 P1501-4 P1501-3 P1501-2 P1501-1
P4001-1 P4001-2 P4001-3 P3001-4 P3001-5 P3001-6
M
⚠ CAPSTAN MOTOR
P006-1 P006-2 P006-3 P006-4 P006-5 P006-6 P006-7 P006-8 P006-9 P006-10 P006-11 P006-12 P006-13 P006-14 P006-15
P2001-1 P2001-2 P2001-3 P2001-4 P2001-5 P2001-6 P2001-7 P2001-8 P2001-9 P2001-10 P2001-11 P2001-12 P2001-13 P2001-14 P2001-15
VPS PACK C.B.A. (VEP07538D:NV-J35EV)
VW-VPS5E OPTION:NV-J35EO/EI
OSC PACK C.B.A. (VEP06583B)
⚠ MAIN C.B.A. (VEP03764AF:NV-J35EO) (VEP03764AE:NV-J35EV) (VEP03764AD:NV-J35EI)
INPUT/OUTPUT PACK C.B.A. (VEP03594D:NV-J35EO/EV) (VEP03594B:NV-J35EI)
TO MODE SW
TO SOLENOID
TO SAFETY TAB SW
TO SENSOR LED
P1504-1 P1504-2 P1504-3 P1504-4 P1504-5 P1504-6 P1504-7 P1504-8 P1504-9 P1504-10 P1504-11 P1504-12
P6001-1 P6001-2 P6001-3 P6001-4 P6001-5 P6001-6 P6001-7 P6001-8 P6001-9 P6001-10 P6001-11 P6001-12
⚠TV DEMODULATOR PACK C.B.A. (VEP07596D:NV-J35EO/EV) (VEP07596C:NV-J35EI)
DDR SECAM PACK C.B.A. (VEP03452F:NV-J35EV)
SUB MAIN C.B.A. (VEP03765AE:NV-J35EO) (VEP03765AD:NV-J35EV) (VEP03765AC:NV-J35EI)
⚠RF CONVERTER UNIT (ENC17974:NV-J35EO/EV) (ENC17976.VEQ1043:NV-J35EI)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
MECHANISM CONNECTION C.B.A. (VXA3820)
P7401-1 P7401-2 P7401-3 P7401-4 P7401-5 P7401-6 P7401-7 P7401-8 P7401-9 P7401-10 P7401-11 P7401-12 P7401-13 P7401-14
P7402-1 P7402-2 P7402-3 P7402-4 P7402-5 P7402-6 P7402-7 P7402-8 P7402-9 P7402-10 P7402-11 P7402-12 P7402-13 P7402-14 P7402-15
P7501-14 P7501-13 P7501-12 P7501-11 P7501-10 P7501-9 P7501-8 P7501-7 P7501-6 P7501-5 P7501-4 P7501-3 P7501-2 P7501-1
P7502-15 P7502-14 P7502-13 P7502-12 P7502-11 P7502-10 P7502-9 P7502-8 P7502-7 P7502-6 P7502-5 P7502-4 P7502-3 P7502-2 P7502-1
PHOTO TR.(T) C.B.A.
P1508-6 P1508-5 P1508-4 P1508-3 P1508-2 P1508-1
P6002-1 P6002-2 P6002-3 P6002-4
P4003-1 P4003-2 P4003-3 P4003-4
P6202-1 P6202-2 P6202-3 P6202-4
OPERATION C.B.A. (VEP06681A)
P6201-1 P6201-2 P6201-3 P6201-4 P6201-5 P6201-6 P6201-7 P6201-8 P6201-9
P7504-1 P7504-2 P7504-3 P7504-4 P7504-5 P7504-6 P7504-7 P7504-8 P7504-9
IR RECEIVER C.B.A. (VEP06552A)
TIMER C.B.A. (VEP07598C:NV-J35EO/EV) (VEP07598B:NV-J35EI)
P7505-1 P7505-2 P7505-3 P7505-4 P7505-5 P7505-6 P7505-7 P7505-8 P7505-9 P7505-10 P7505-11 P7505-12 P7505-13 P7505-14 P7505-15
P6501-1 P6501-2 P6501-3 P6501-4 P6501-5 P6501-6 P6501-7 P6501-8 P6501-9 P6501-10 P6501-11 P6501-12 P6501-13 P6501-14 P6501-15
KEY BOARD SW C.B.A. (VEP06569C:NV-J35EO/EV) (VEP06569AC:NV-J35EI)
PHOTO TR.(S) C.B.A. (VEK3578)
P1507-2 P1507-1
MIC JACK C.B.A. (VEP00P95A)
PS4301-1 PS4301-2 PS4301-3 PS4301-4
PP6201-1 PP6201-2 PP6201-3 PP6201-4

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS
IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

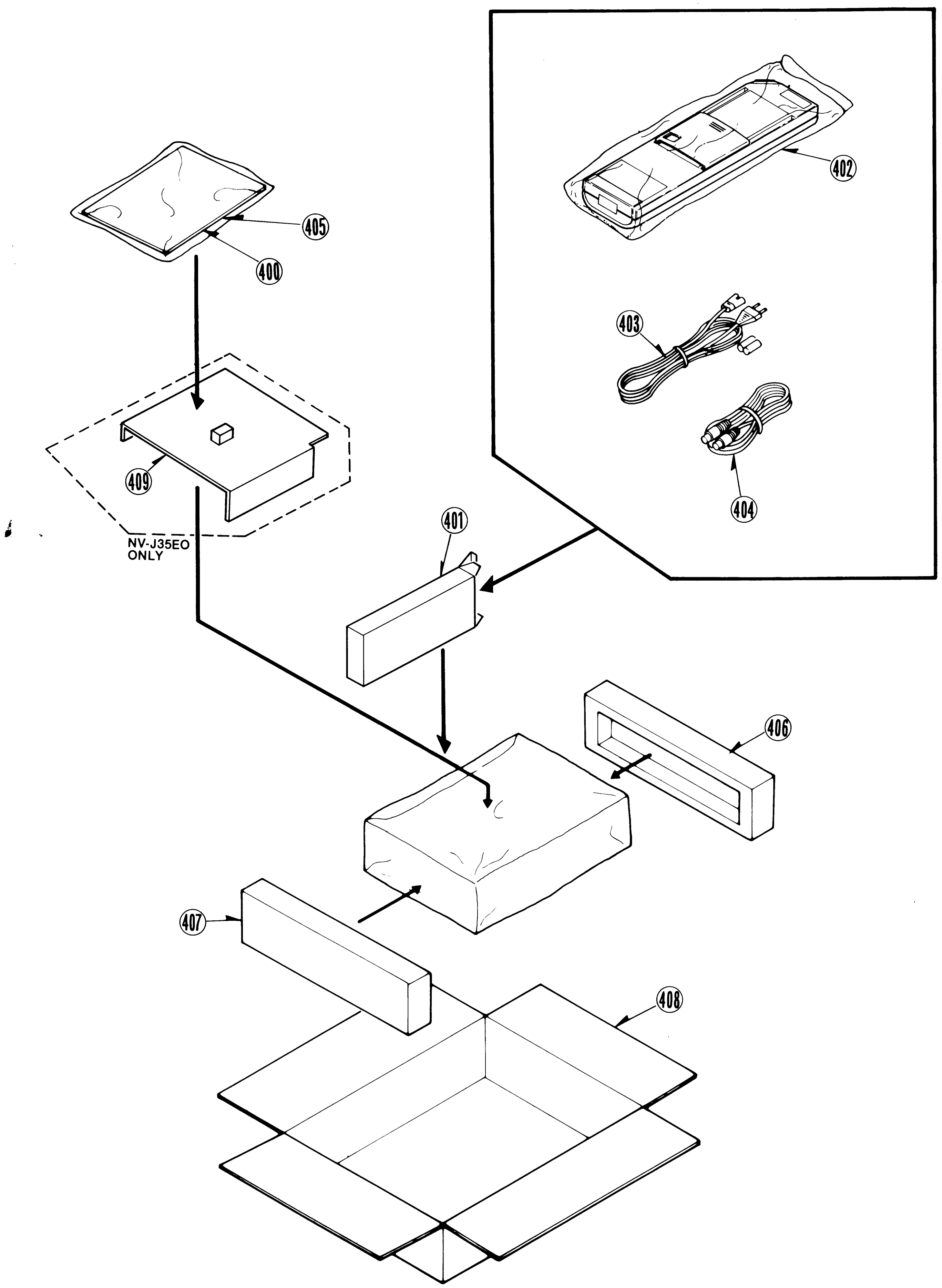
24. EXPLODED VIEWS

❹ CASING PARTS SECTION


331
313
XTV3+8G
314
317
315
316
XTV3+8JR
NV-J35EI ONLY
301
301
300
301
318
319
POWER C.B.A.
XTV3+12JR
XTV3+12F
XTV3+12JFZ
308
XTV26+8F
XTW3+10PR
XTV26+8F
XTV3+8F
XTV3+12JR
XYN3+F8S
(Q6008)
XTV3+8G
XTV3+8GFZ
MAIN C.B.A.
SUB MAIN C.B.A.
NV-J35EI ONLY
301
324
XTV3+12JR
NV-J35EO/EV ONLY
322
XTV4+15J
NV-J35EI ONLY
324
323
326
XTV3+12JFZ
XTV3+12JFZ
321
XTV4+8F
MIC JACK C.B.A.
OPERATION C.B.A.
XTV3+10JR
327
321
NV-J35EI ONLY
324
330
339
325
XTV4+8F
XTV3+10JR
XQN26+AG4FZ
XTV3+10JR
TIMER C.B.A.
311
302
311
311
NV-J35EO/EV ONLY
340
337
342
KEY BOARD SW C.B.A.
341
344
343
336
303
334
333
XTN26+6G
332
335
XTW3+10PR
XQN26+CJ6FZ
×5
302
311
311
311
311
NV-J35EI ONLY
E

Back Page:
INTERCONNECTION Section

❺ PACKING PARTS SECTION


402
405
400
403
404
409
NV-J35EO
ONLY
401
406
407
408

25. ELECTRICAL REPLACEMENT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.
3.Unless otherwise specified,
All resistors are in OHMS ,K=1,000 OHMS. All capacitors are in MICROFARADS(uf),P=uuF.
4.The P.C.Board units marked width'▮'show below the main assembled parts.
5.Printed circuit board assembly with mark(NLA) is no longer available after discontinuation of the product.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP03764AF	MAIN C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EO
					INCLUDING THE
					SUB MAIN C.B.A.
					(VEP03765AE),
					INPUT/OUTPUT C.B.A.
					(VEP03594D),
					TV DEMODULATOR C.B.A.
					(VEP07596D),
					CYLINDER DRIVE C.B.A.
					(VEP02329A),
					OSC C.B.A.
					(VEP06583B).
		VEP03764AE	MAIN C.B.A.	1	<!> (NLA) NV-J35EV
					INCLUDING THE
					SUB MAIN C.B.A.
					(VEP03765AD),
					DDR SECAM PACK C.B.A.
					(VEP03452F),
					INPUT/OUTPUT C.B.A.
					(VEP03594D),
					TV DEMODULATOR C.B.A.
					(VEP07596D),
					CYLINDER DRIVE C.B.A.
					(VEP02329A),
					VPS PACK C.B.A.
					(VEP07538D),
					OSC C.B.A.
					(VEP06583B).
		VEP03764AD	MAIN C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EI
					INCLUDING THE
					SUB MAIN C.B.A.
					(VEP03765AC),
					INPUT/OUTPUT C.B.A.
					(VEP03594B),
					TV DEMODULATOR C.B.A.
					(VEP07596C),
					CYLINDER DRIVE C.B.A.
					(VEP02329A),
					OSC C.B.A.
					(VEP06583B).
		VEP03765AE	SUB MAIN C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EO
					INCLUDED IN MAIN
					C.B.A.(VEP03764AF).
		VEP03765AD	SUB MAIN C.B.A.	1	(NLA) NV-J35EV
					INCLUDING THE
					DDR SECAM PACK C.B.A.
					(VEP03452F).
					INCLUDED IN MAIN
					C.B.A.(VEP03764AE).
		VEP03765AC	SUB MAIN C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EI
					INCLUDED IN MAIN
					C.B.A.(VEP03764AD).
		VEP03452F	DDR SECAM PACK C.B.A.	1	(NLA) NV-J35EV
					INCLUDED IN SUB MAIN
					C.B.A.(VEP03765AD).
		VEP03594D	INPUT/OUTPUT C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EO/EV
					INCLUDED IN MAIN
					C.B.A.(VEP03764AF/AE)
		VEP03594B	INPUT/OUTPUT C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EI
					INCLUDED IN MAIN
					C.B.A.(VEP03764AD).
		VEP07596D	TV DEMODULATOR C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA)
					NV-J35EO/EV
					INCLUDED IN MAIN
					C.B.A.(VEP03764AF/AE)
		VEP07596C	TV DEMODULATOR C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EI
					INCLUDED IN MAIN
					C.B.A.(VEP03764AD).
		VEP02329A	CYLINDER DRIVE C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)
					INCLUDED IN MAIN
					C.B.A.
					(VEP03764AF/AE/AD).
		VEP07538D	VPS C.B.A.	1	(NLA) NV-J35EV
					INCLUDED IN MAIN
					C.B.A.(VEP03764AE).
		VEP06583B	OSC C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)
					INCLUDED IN MAIN
					C.B.A.
					(VEP03764AF/AE/AD).
		VEP05137A	HEAD AMP C.B.A.		(NLA)NV-J35EO/EV
		VEP05137D	HEAD AMP C.B.A.	1	(NLA)NV-J35EI
		VEP07598C	TIMER C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)NV-J35EO/EV
					INCLUDING THE
					IR RECEIVER C.B.A.
					(VEP06552A).
		VEP07598B	TIMER C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)NV-J35EI
					INCLUDING THE
					IR RECEIVER C.B.A.
					(VEP06552A).
		VEP06552A	IR RECEIVER C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)
					INCLUDED IN TIMER
					C.B.A.(VEP07598C/B)
		VEP06681A	OPERATION C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)
					INCLUDING THE
					MIC JACK C.B.A.
					(VEP00P95A).
		VEP00P95A	MIC JACK C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)
					INCLUDED IN OPERATION
					C.B.A.(VEP06681A)
		VEP06569C	KEY BOARD SW C.B.A.	1	[SUPPLIED FROM M.B.V]
					(NLA)NV-J35EO/EV
		VEP06569AC	KEY BOARD SW C.B.A.	1	[SUPPLIED FROM M.B.V]

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
					(NLA)NV-J35EI
		VEP01420AC	POWER C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA)
					NV-J35EO/EV
		VEP01420AB	POWER C.B.A.	1	[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EI
		VEP66125E	REMOTE CONTROL UNIT C.B.A.	1	(NLA)
		VXA3820	MECHANISM CONNECTION C.B.A.	1	(NLA)
		VEK3578	SUPPLY PHOTO Tr. C.B.A.	1	(NLA)
		- - - -	TAKE-UP PHOTO Tr. C.B.A.	1	THIS PART IS INCLUDED
					IN SLIDE SW UNIT
					(VXA3498).
		ENC17974	RF CONVERTER	1	[SUPPLIED FROM M.B.V]
					<!> NV-J35EO/EV
		ENC17976	RF CONVERTER	1	[SUPPLIED FROM M.B.V]
					<!> NV-J35EI
		ENV57850H6	TUNER	1	[SUPPLIED FROM M.B.V]
					<!>
	■	VEP03764AF	MAIN C.B.A.		[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EO
			CAPACITORS		
C301		ECEA1EKN2R2	E.CAPACITOR 25V 2.2U	1	
C302		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C303		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C304		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C305		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C306		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C307		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C308		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C309		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C310		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C311,12		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C313		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C314		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C315		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C316		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C317		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C318		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C319		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C322		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C323,24		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C325,26		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C327,28		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C329		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C331		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C332		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C333		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C335		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C336		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C337		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C338		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C339		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C340		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C341		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C342		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C343		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C345		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C349		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C351		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C352		ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C354		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C360		ECUM1H153ZFN	C.CAPACITOR CH 50V 0.015U	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C727		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C732		ECQV1H224B0	P.CAPACITOR 50V 0.22U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C735		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C736		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C737		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270RSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C775		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C781		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C782		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C797,98		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C801,02		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C803		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C804,05		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C806		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C807,08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C810		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C811		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C812		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C813		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C814		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C815		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C816		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C817		ECQV1H124JZ	P.CAPACITOR 50V 0.12U	1	
C818		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C819		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C820		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C821		ECEA1HFS4R7	E.CAPACITOR 50V 4.7U	1	
C823		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C824		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C825		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C826		ECEA1AU221	E.CAPACITOR 10V 220U	1	
C827		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C828		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C829		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C831,32		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	
C833		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C839		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C840		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C841-49		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	9	
C1001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1003		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C1004		ECEA1CK470	E.CAPACITOR 16V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C2001		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2002		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2003		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	
C2004		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2005		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2006		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2007		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2008		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2009		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2010		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2011		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2012		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2013		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2014		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2015		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2016		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2017		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2018		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2019		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2020		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2022		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2024		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2025		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2026		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C2027		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2028		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	1	
C2029		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2030		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2031		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2032		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2033		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2034		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2050		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2101-03		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	3	
C2104-06		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2107,08		VCYD1E333KR	S.CAPACITOR 25V 0.033U	2	
C2111		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2115		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2116		ECEA1EU221	E.CAPACITOR 25V 220U	1	
C2118		VCYD1E333KR	S.CAPACITOR 25V 0.033U	1	
C2121		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2201		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2203		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2204-06		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	3	
C2207		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2208-10		ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	3	
C2211		ECQB1H473JH	P.CAPACITOR 50V 0.047U	1	
C2212		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2213		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2301		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2302		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2303		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2304		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2305		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2501		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2502		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C2504		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2505		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2506		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C2507		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2508		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2509		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3002		ECEA0JU471	E.CAPACITOR 6.3V 470U	1	
C3003,04		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3010		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3011		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3012		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3013		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3014		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3015		VCYD1E103KR	S.CAPACITOR 25V 0.01U	1	
C3016		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3019		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3027		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3053		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3064		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C3065		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3067,68		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3070		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3071		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3076		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3081		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C3101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3808		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3809		ECQB1H332JZ	P.CAPACITOR 50V 0.27U	1	
C3810		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3811		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3812		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C3813		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3814		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C3815,16		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3817		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3818,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3820		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3821		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3822		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3901,02		ECEA1CK330	E.CAPACITOR 16V 33U	2	
C3903		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3904-06		ECEA1CK470	E.CAPACITOR 16V 47U	3	
C3907,08		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C3909		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C3914		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3916		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4001		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4002		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4003		ECKF1H102ZF	C.CAPACITOR 50V 1000P	1	
C4004		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4005		ECCD2H121K	C.CAPACITOR 500V 120P	1	
C4006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4007		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C4008		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4009		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C4011		ECQB1H223JZ	P.CAPACITOR 50V 0.022U	1	
C4012		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4013		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4014		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4015		ECEA16M10R	E.CAPACITOR 16V 10.U	1	
C4016		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4017		ECEA10M47	E.CAPACITOR 10V 47U	1	
C4018		ECQB1H822JZ	P.CAPACITOR 50V 8200P	1	
C4019		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C4020		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4021		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C4022		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4023		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4024,25		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4026		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4029		ECQB1H123JZ	P.CAPACITOR 50V 0.012U	1	
C4032		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4033		ECQB1H102JH	P.CAPACITOR 50V 1000P	1	
C4034		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C4036		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C6001,02		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6006		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6007		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6008		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6010		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C6011,12		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6013		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C6014		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C6015		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6101		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6102		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6103		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6104		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6105		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6106		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C6201		ECUM1E563KB	C.CAPACITOR CH 25V 0.056U	1	
C6801		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7401		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7402		EECS5R5V473	E.CAPACITOR 5.5V 0.047	1	
C7409		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7410		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7421		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7422		ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7685		ECEA1HK010	E.CAPACITOR 50V 1U	1	
D301		MA4091M	DIODE	1	
D710		MA3100L	DIODE	1	
D771		MA151WK	DIODE	1	
D772		MA165	DIODE	1	
D773		11ES1	DIODE	1	
D805		MA165	DIODE	1	
D1001,02		MA165	DIODE	2	
D2003,04		MA165	DIODE	2	
D2007-10		MA165	DIODE	4	
D2403		MA165	DIODE	1	
D2405,06		MA165	DIODE	2	
D2407		MA204WK	DIODE	1	
D2409		MA204WA	DIODE	1	
D2501		MA165	DIODE	1	
D3001		MA165	DIODE	1	
D3009		MA165	DIODE	1	
D3101		MA165	DIODE	1	
D3102		MA29WA	DIODE	1	
D3901,02		MA165	DIODE	2	
D4003		MA165	DIODE	1	
D6001		MA4051	DIODE	1	
D6002-04		MA165	DIODE	3	
D6005		ERA15-01	DIODE	1	
D6006		MA165	DIODE	1	
D6008		MA723	DIODE	1	
D6009		MA4150L	DIODE	1	
D6023		MA165	DIODE	1	
D6801		MA165	DIODE	1	
D7401,02		MA723	DIODE	2	
D7672,73		MA3150H	DIODE	2	
DL801		VLD0089	DELAY LINE	1	
DL803		EFDWF124A13A	DELAY	1	
F6001		VSF0077	FUSE	1	
FL301		ELB4M022	FILTER	1	
FL302		VLF0499	FILTER	1	
FL303		VLF0727	FILTER	1	
FL801		ELB4W002	FILTER	1	
FL3101		ELB4H020	FILTER	1	
IC301		VEFH03D	HIC	1	
IC302		AN3495K	IC	1	
IC303		MSM6965-3RS	IC	1	
IC701		M51366SP	IC	1	
IC801		VEFH04F	HIC	1	
IC802		M52055P	IC	1	
IC2001		MN6740VCQK	IC	1	
IC2101		BA6435S	IC	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
IC2201		AN3814K	IC	1	
IC2301		AN6561L	IC	1	
IC2302		XRA10393N	IC	1	
IC2501		CF77384NS	IC	1	
IC2502		BA6305F	IC	1	
IC3101		BA7004	IC	1	
IC3801		M52063SP	IC	1	
IC3901		LA7150	IC	1	
IC4001		BA7766AS	IC	1	
IC4002		UPD4066BG	IC	1	
IC6003		MN12821R	IC	1	(R)
IC6801		MN15522VMS	IC	1	
J701		VJR0231	PACK PIN	1	
J702,03		VJR0406	PACK PIN	2	
J704		VJR0231	PACK PIN	1	
L301		VLQEL05F101K	COIL 100UH	1	
L302		VLQEL05F220K	COIL 22UH	1	
L303		VLQEL05F101K	COIL 100UH	1	
L304		VLQEL05F121K	COIL 120UH	1	
L305		VLQEL05F680K	COIL 68UH	1	
L306		VLQEL05F101K	COIL 100UH	1	
L307		VLQEL05F151K	COIL 150UH	1	
L308		VLQEL05F270K	COIL 27UH	1	
L309,10		VLQEL05F101K	COIL 100UH	2	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQTR68XB	COIL 0.68UH	1	
L712		VLQ0305J1R2	COIL 1.2UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L716		ELESP560KA	COIL 56H	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801		VLQEL05F101K	COIL 100UH	1	
L802,03		VLQEL05F150K	COIL 15UH	2	
L805		VLQEL05F101K	COIL 100UH	1	
L806		VLQEL05F681K	COIL 680UH	1	
L808		VLQEL05F470K	COIL 47UH	1	
L809		VLQEL05F331K	COIL 330UH	1	
L810		VLQEL05F101K	COIL 100UH	1	
L811		VLQEL05F470K	COIL 47UH	1	
L812		VLQEL05F681K	COIL 680UH	1	
L820		VLQEL05F101K	COIL 100UH	1	
L821		VLQEL05F150K	COIL 15UH	1	
L822		VLQ0213K150T	COIL 15H	1	
L2002		VLP0074	COIL	1	
L2003		ELESP101KA	COIL	1	
L2101		ELESP102KA	COIL 1000UH	1	
L3001-03		ELESP101KA	COIL	3	
L3005		ELESP120KA	COIL 12UH	1	
L3006		ELESP6R8KA	COIL	1	
L3007		ELESP101KA	COIL	1	
L3008		ELESP3R3KA	COIL	1	
L3011		ELESP5R6KA	COIL	1	
L3101		VLQEL05F101K	COIL 100UH	1	
L3805		VLQEL05F101K	COIL 100UH	1	
L3901		VLQEL05F1R0K	COIL 1UH	1	
L3902		VLQEL05F2R7K	COIL 2.7UH	1	
L4001		VLQEL07F822J	COIL 8200UH	1	
L4002		ELESP471KA	COIL	1	
L6101		VLQEL05F101K	COIL 100UH	1	
L7401		ELESP1R0KA	COIL 1UH	1	
L7402		ELESP101KA	COIL	1	
L7404		ELESP1R0KA	COIL 1UH	1	
L7405		ELESP101KA	COIL	1	
P001		VJS1237T	CONNECTOR (FEMALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P006		VJS1902	CONNECTOR (FEMALE)	1	
P501		VJS2382T	CONNECTOR (FEMALE)	1	
P1001		VJS2571A013	CONNECTOR (FEMALE)	1	
P1502		VJS1141T	CONNECTOR (FEMALE)	1	
P2001		VJP1932T	CONNECTOR (MALE)	1	
P2001		VJS1932T	CONNECTOR (FEMALE)	1	
P2201		VJP1237T	CONNECTOR(MALE) 10P	1	
P2201		VJS1237T	CONNECTOR (FEMALE)	1	
P3001		VJP1931T	CONNECTOR (MALE)	1	
P3001		VJS2382T	CONNECTOR (FEMALE)	1	
P3902		VJS1469	CONNECTOR(FEMALE)	1	
P4001		VJP2622	CONNECTOR	1	
P4002		VJP1229T	CONNECTOR(MALE) 2P	1	
P4002		VJS1229T	CONNECTOR (FEMALE)	1	
P4003		VJP1231T	CONNECTOR(MALE) 4P	1	
P4003		VJS1231T	CONNECTOR (FEMALE)	1	
P6001		VJS2571A012	CONNECTOR (FEMALE)	1	
P6002		VJS2571A004	CONNECTOR (FEMALE)	1	
P6202		VJS1231T	CONNECTOR (FEMALE)	1	
P7401		VJS1662	CONNECTOR (FEMALE)	1	
P7402		VJS2571A015	CONNECTOR (FEMALE)	1	
PK2201		VJR0452	PACK PIN	1	
PK2202		VJR0348	PACK PIN	1	
PK3901		VJR0348	PACK PIN	1	
PK3902		VJR0523	PACK PIN	1	
PK3903		VJR0348	PACK PIN	1	
PK3904		VJR0416	PACK PIN	1	
PK6101		VJR0277	PACK PIN	1	
Q301		MSB709	TRANSISTOR	1	(Q,R,S)
Q302		MSC2295	TRANSISTOR	1	(B,C)
Q303		MSC2295	TRANSISTOR	1	(B,C)
Q304		MSD601	TRANSISTOR	1	(Q,R,S)
Q703		2SD601	TRANSISTOR	1	(S,T)
Q710		2SC2377	TRANSISTOR	1	(C,D)
Q712		2SD638	TRANSISTOR	1	
Q713		2SD1328	TRANSISTOR	1	(S)
Q771		2SD601	TRANSISTOR CHIP	1	
Q801		MSD601	TRANSISTOR	1	(Q,R,S)
Q802		MSC2295	TRANSISTOR	1	(B,C)
Q804		MSB709	TRANSISTOR	1	(Q,R,S)
Q2001		MSD601	TRANSISTOR	1	(Q,R,S)
Q2002		2SD1996	TRANSISTOR	1	(S)
Q2003		MSB709	TRANSISTOR	1	
Q2301		MSD601	TRANSISTOR	1	(Q,R,S)
Q2302,03		MSB709	TRANSISTOR	2	(Q,R,S)
Q3001		MSC2295	TRANSISTOR	1	
Q3003		MSD601	TRANSISTOR	1	
Q3004		MSB709	TRANSISTOR	1	(Q,R,S)
Q3006		MSC2295	TRANSISTOR	1	
Q3007		MSB709	TRANSISTOR	1	(Q,R,S)
Q3101		MSD601	TRANSISTOR	1	
Q4001		MSD602	TRANSISTOR	1	(R)
Q4002		2SA1309	TRANSISTOR	1	
Q6001		2SD893	TRANSISTOR	1	
Q6002,03		2SD1994	TRANSISTOR	2	(S)
Q6004		2SD1992	TRANSISTOR	1	
Q6006		2SB1321	TRANSISTOR	1	
Q6007		MSB710	TRANSISTOR	1	(R,S)
Q6008		2SD1273	TRANSISTOR	1	(P,O)
Q6010		2SD1991A	TRANSISTOR	1	
Q6011		MSB709	TRANSISTOR	1	
Q6101		2SC2206	TRANSISTOR	1	(B,C)
QR301		MRN1403	TRANSISTOR-RESISTOR	1	
QR302-04		MRN1403	TRANSISTOR-RESISTOR	3	
QR701		MRN1404	TRANSISTOR-RESISTOR	1	
QR702		MRN1404	TRANSISTOR-RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
QR711,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR714		MRN1402	TRANSISTOR-RESISTOR	1	
QR801		MRN1403	TRANSISTOR-RESISTOR	1	
QR1001		MRN1404	TRANSISTOR-RESISTOR	1	
QR2002		DTC363EK	COMBI.TR-R	1	
QR2004		2SD1676	TRANSISTOR-RESISTOR	1	
QR2005		MRN1404	TRANSISTOR-RESISTOR	1	
QR2402,03		MRN2403	TRANSISTOR-RESISTOR	2	
QR2405		MRN1404	TRANSISTOR-RESISTOR	1	
QR2502		DTC363EK	COMBI.TR-R	1	
QR3004		MRN2402	TRANSISTOR-RESISTOR	1	
QR3005		MRN1404	TRANSISTOR-RESISTOR	1	
QR3006,07		DTC363EK	COMBI.TR-R	2	
QR3008		MRN1403	TRANSISTOR-RESISTOR	1	
QR3010		MRN1404	TRANSISTOR-RESISTOR	1	
QR3801		MRN2404	TRANSISTOR-RESISTOR	1	
QR3802		MRN1404	TRANSISTOR-RESISTOR	1	
QR4001,02		MRN1404	TRANSISTOR-RESISTOR	2	
QR6002		UN2119	TRANSISTOR-RESISTOR	1	
QR6003		MRN2404	TRANSISTOR-RESISTOR	1	
QR6004		MRN1404	TRANSISTOR-RESISTOR	1	
QR6006		MRN1404	TRANSISTOR-RESISTOR	1	
QR6007		MRN1403	TRANSISTOR-RESISTOR	1	
QR6011,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR6201		MRN2404	TRANSISTOR-RESISTOR	1	
QR6202		MRN1404	TRANSISTOR-RESISTOR	1	
QR7401		MRN1402	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R301		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R302		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R303		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R304		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R306		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R307		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R308		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R309		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R310		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R311		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R312		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R313		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R314		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R315		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R317		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R318		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R319		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R320		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R325		ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R326		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R327		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R328		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R329		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R330		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R331		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R332		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R334,35		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R338		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R712		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714		ERD2FCG330	C.RESISTOR 2W 33	1	
R715		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R717		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718		ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719,20		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R721		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R722		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R723		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R724		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R725		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R728		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R729,30		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R737		ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738		ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R739		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R743		ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R747		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R750		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R757		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R758		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R759		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R764		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R792		ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R801		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R802		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R803,04		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R805,06		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R808		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R809		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R810		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R815		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R817,18		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R819		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R820		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R821		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R822		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R824		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R825		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R827		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R828		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R831		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R841-43		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	3	
R844,45		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R846,47		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R2001,02		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R2004,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2006		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R2007		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2009		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2010		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2011		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2012		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2013		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2014		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2015,16		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2017		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2019		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R2020		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R2021		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2022		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2023		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2024		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2025		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2026		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2028		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2029		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2030		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2031		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2032		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R2033		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2034		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2035,36		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2037		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2038		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2040		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2051		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2101-03		ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2104		ERX12SJR47E	M.RESISTOR 1/2W 0.47	1	
R2105		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2106		ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R2107		ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R2108		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R2109		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2201		ERDS2TJ122	C.RESISTOR 1/4W 1.2K	1	
R2202-04		ERDS2TJ150	C.RESISTOR 1/4W 15	3	
R2205		ERX12SJR68E	M.RESISTOR 1/2W 0.68	1	
R2301		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2302		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2303		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2304		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2305		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2306		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2307		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2308		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2309		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2310		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2311		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2312,13		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2314,15		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2316		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2402		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R2403		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2405		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2501		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2503		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2504		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2505		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2506		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3001		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3002		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3003		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3019		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3022,23		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3027		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3030		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3042		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3057		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3060		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3062		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3071		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3085		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3086		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3087,88		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	2	
R3091		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3094		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R3095		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3096		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3101		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3812		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3813		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3814		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3815		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3816		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3817,18		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3819		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3820		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3821		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3822,23		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3901		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3902		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3903,04		ERJ6GEYJ242	M.RESISTOR CH 1/10W 2.4K	2	
R3905		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3906		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3908		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3909		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3910		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3912		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3913		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3916		ERDS2T0	C.RESISTOR 1/4W 0	1	
R4001		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4002		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4003		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	1	
R4004		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4007		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4008		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R4010		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4012		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4013		ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R4014		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4015		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4016		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4017		ERJ6GMYJ302	M.RESISTOR CH 1/10W 3K	1	
R4018		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4019		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R4020		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4021		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4022		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4023		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R4024,25		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	2	
R4026		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4027		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4031		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4032		ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4035		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4036		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R4039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4040		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4042		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R4044		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4048		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4049		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4050		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4051		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6001-03		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R6004,05		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6006		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6007		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6008		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6009		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6011		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6012		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6013		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6014		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6015		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6017		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6018		ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6019		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6020		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6021		ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6022		ERG3SJ220	M.RESISTOR 3W 22	1	
R6023		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6024		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6025		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6026		ERD2FCVG220	C.RESISTOR 2W 22	1	
R6028		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6029		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6040		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6042,43		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6044,45		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R6046		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6047		ERDS1TJ332	C.RESISTOR 1/2W 3.3K	1	
R6048		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6049		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6053		ERG2SJ471U	M.RESISTOR 2W 470	1	
R6054		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6055		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6056		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6057		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6059		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6101		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R6102		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R6103,04		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R6201		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6202		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6203		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6204		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6205		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6206		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7401		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7402		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
T703		EIV5EC013A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T710		EULBEF023	TRANSFORMER	1	
T711		EIS5EC004A	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
VR301		EVNDRAA00B24	V.RESISTOR 20K	1	
VR302		EVN4YCA00B23	V.RESISTOR 2K	1	
VR701,02		EVN4YCA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR751		EVNDRAA00B53	V.RESISTOR 5K	1	
VR801		EVN4YCA00B52	V.RESISTOR 500	1	
VR802		EVN4YCA00B13	V.RESISTOR 1K	1	
VR803		EVNDRAA00B14	V.RESISTOR 10K	1	
VR2001		EVNDRAA00B54	V.RESISTOR 50K	1	
VR2009,10		EVND1AA00B25	V.RESISTOR 200K	2	
VR2011		EVNDRAA00B15	V.RESISTOR 100K	1	
VR3012,13		EVNDRAA00B52	V.RESISTOR 500	2	
VR3801		EVN4YCA00B14	V.RESISTOR 10K	1	
VR4002		EVNDRAA00B25	V.RESISTOR 200K	1	
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH38MSP2	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	
X712		EFCS5R5MS5	FILTER	1	
X715		ELB5A043	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X3101		VSX0099	CRYSTAL OSCILLATOR	1	
X6101		VSX0383	CRYSTAL OSCILLATOR	1	
X6801		VSX0258	CRYSTAL OSC.	1	
X7401		VSQ0565	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMC0075	HEAT SINK FIX SPRING	1	
		VSC2734	HEAT SINK	1	
		VMP2631	FUSE FIX ANGLE	1	
		VSC1068	HEAT SINK	1	
		VMA6768	EARTH ANGLE	1	
		ENC17974	RF CONVERTER	1	[SUPPLIED FROM M.B.V]

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
					<!>
		VEJ0840	ANT. TERMINAL PLATE	1	[SUPPLIED FROM M.B.V]
		VMZ1352	HEAT SINK COVER	1	
		VJF0379	CLAMP	1	
		VJF0858	CLAMP	1	
		VMC0462	EARTH SPRING	1	[FOR SUB MAIN]
		ENV57850H6	TUNER	1	[SUPPLIED FROM M.B.V]
					<!> [FOR TV DEMODU.]
		VSC2713	SHIELD (MAIN)	1	[FOR TV DEMODU.]
		VSC2712	SHIELD (TOP)	1	[FOR TV DEMODU.]
		VSC2714	SHIELD (BOTTOM)	1	[FOR TV DEMODU.]
		VEJ0776	REAR JACK	1	[SUPPLIED FROM M.B.V]
		VWJ04FN140SS	FLEXIBLE CABLE(4PIN)	1	(P6002-P1508)
		VWJ14HW140MM	FLEXIBLE CABLE(14PIN)	1	(P7401-P7501)
		VWJ0374	FLEXIBLE CABLE(15PIN)	1	(P7402-P7502)
	■	VEP03764AE	MAIN C.B.A.		<!> (NLA) NV-J35EV
			CAPACITORS		
C301		ECEA1EKN2R2	E.CAPACITOR 25V 2.2U	1	
C302		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C303		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C304		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C305		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C306		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C307		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C308		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C309		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C310		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C311,12		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C313		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C314		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C315		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C316		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C317		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C318		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C319		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C322		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C323,24		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C325,26		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C327,28		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C329		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C331		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C332		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C333		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C335		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C336		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C337		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C338		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C339		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C340		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C341		ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C342		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C343		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C345		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C349		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C351		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C352		ECQB1H562JZ	P.CAPACITOR 50V 5600P	1	
C354		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C360		ECUM1H153ZFN	C.CAPACITOR CH 50V 0.015U	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C708		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C727		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C732		ECQV1H224BO	P.CAPACITOR 50V 0.22U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C735		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C736		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C737		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270RSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C775		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C781		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C782		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C797,98		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C801,02		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C803		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C804,05		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C806		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C807,08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C810		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C811		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C812		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C813		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C814		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C815		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C816		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C817		ECQV1H124JZ	P.CAPACITOR 50V 0.12U	1	
C818		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C819		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C820		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C821		ECEA1HFS4R7	E.CAPACITOR 50V 4.7U	1	
C823		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C824		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C825		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C826		ECEA1AU221	E.CAPACITOR 10V 220U	1	
C827		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C828		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C829		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C830		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C831,32		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	
C833		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C839		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C840		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C841-49		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	9	
C851		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C852		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C853		ECEA10Z47	E.CAPACITOR 10V 47U	1	
C854		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C855		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C856		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C858		ECKF1H681KB	C.CAPACITOR 50V 680P	1	
C859		ECCF1H470JC	C.CAPACITOR 50V 47P	1	
C1001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1003		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C1004		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2001		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2002		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2003		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C2004		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2005		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2006		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2007		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2008		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2009		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2010		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2011		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2012		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2013		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2014		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2015		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2016		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2017		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2018		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2019		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2020		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2022		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2024		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2025		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2026		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C2027		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2028		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	1	
C2029		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2030		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2031		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2032		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2033		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2034		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2050		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2101-03		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	3	
C2104-06		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2107,08		VCYD1E333KR	S.CAPACITOR 25V 0.033U	2	
C2111		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2115		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2116		ECEA1EU221	E.CAPACITOR 25V 220U	1	
C2118		VCYD1E333KR	S.CAPACITOR 25V 0.033U	1	
C2121		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2201		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2203		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2204-06		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	3	
C2207		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2208-10		ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	3	
C2211		ECQB1H473JH	P.CAPACITOR 50V 0.047U	1	
C2212		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2213		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2301		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2302		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2303		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2304		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2305		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2501		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2502		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C2504		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2505		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2506		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C2507		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2508		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2509		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3002		ECEA0JU471	E.CAPACITOR 6.3V 470U	1	
C3003,04		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3010		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3011		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3012		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3013		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3014		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3015		VCYD1E103KR	S.CAPACITOR 25V 0.01U	1	
C3016		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3019		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3027		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3053		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C3064		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C3065		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3067,68		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3070		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3071		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3076		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3081		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C3101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3808		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3809		ECQB1H332JZ	P.CAPACITOR 50V 0.27U	1	
C3810		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3811		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3812		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C3813		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3814		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C3815,16		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3817		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3818,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3820		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3821		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3822		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3901,02		ECEA1CK330	E.CAPACITOR 16V 33U	2	
C3903		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3904-06		ECEA1CK470	E.CAPACITOR 16V 47U	3	
C3907,08		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C3909		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C3914		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3916		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4001		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4002		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4003		ECKF1H102ZF	C.CAPACITOR 50V 1000P	1	
C4004		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4005		ECCD2H121K	C.CAPACITOR 500V 120P	1	
C4006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4007		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C4008		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4009		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C4011		ECQB1H223JZ	P.CAPACITOR 50V 0.022U	1	
C4012		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4013		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4014		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C4015		ECEA16M10R	E.CAPACITOR 16V 10.U	1	
C4016		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4017		ECEA10M47	E.CAPACITOR 10V 47U	1	
C4018		ECQB1H822JZ	P.CAPACITOR 50V 8200P	1	
C4019		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C4020		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4021		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C4022		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4023		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4024,25		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4026		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4029		ECQB1H123JZ	P.CAPACITOR 50V 0.012U	1	
C4032		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4033		ECQB1H102JH	P.CAPACITOR 50V 1000P	1	
C4034		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C4036		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C6001,02		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6006		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6007		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6008		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6010		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C6011,12		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6013		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C6014		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C6015		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6101		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6102		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6103		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6104		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C6105		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6106		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C6201		ECUM1E563KB	C.CAPACITOR CH 25V 0.056U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6801		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7401		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7402		EECS5R5V473	E.CAPACITOR 5.5V 0.047	1	
C7409		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7410		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7421		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7422		ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7685		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7801		ECQB1H102JZ	F.CAPACITOR 50V 1000P	1	
C7802		ECQB1H471JZ	F.CAPACITOR 50V 470P	1	
C7803		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	
C7804		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7805		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C7806		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	1	
C7815		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C7816		ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C7851		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7852		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C7853,54		ECCF1H330JC	C.CAPACITOR 50V 33P	2	
C7855,56		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7860		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
D301		MA4091M	DIODE	1	
D710		MA3100L	DIODE	1	
D771		MA151WK	DIODE	1	
D772		MA165	DIODE	1	
D773		11ES1	DIODE	1	
D803-05		MA165	DIODE	3	
D1001,02		MA165	DIODE	2	
D2003,04		MA165	DIODE	2	
D2007-10		MA165	DIODE	4	
D2403		MA165	DIODE	1	
D2405,06		MA165	DIODE	2	
D2407		MA204WK	DIODE	1	
D2409		MA204WA	DIODE	1	
D2501		MA165	DIODE	1	
D3001		MA165	DIODE	1	
D3009		MA165	DIODE	1	
D3101		MA165	DIODE	1	
D3102		MA29WA	DIODE	1	
D3901,02		MA165	DIODE	2	
D4003		MA165	DIODE	1	
D6001		MA4051	DIODE	1	
D6002-04		MA165	DIODE	3	
D6005		ERA15-01	DIODE	1	
D6006		MA165	DIODE	1	
D6008		MA723	DIODE	1	
D6009		MA4150L	DIODE	1	
D6023		MA165	DIODE	1	
D6801		MA165	DIODE	1	
D7401,02		MA723	DIODE	2	
D7672,73		MA3150H	DIODE	2	
D7851		MA165	DIODE	1	
DL801		VLD0089	DELAY LINE	1	
DL803		EFDWF124A13A	DELAY	1	
F6001		VSF0077	FUSE	1	
FL301		ELB4M022	FILTER	1	
FL302		VLF0499	FILTER	1	
FL303		VLF0727	FILTER	1	
FL801		ELB4W002	FILTER	1	
FL851		VLF0143	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
FL3101		ELB4H020	FILTER	1	
IC301		VEFH03D	HIC	1	
IC302		AN3495K	IC	1	
IC303		MSM6965-3RS	IC	1	
IC701		M51366SP	IC	1	
IC801		VEFH04F	HIC	1	
IC802		M52055P	IC	1	
IC851		BA7025L	IC	1	
IC2001		MN6740VCQK	IC	1	
IC2101		BA6435S	IC	1	
IC2201		AN3814K	IC	1	
IC2301		AN6561L	IC	1	
IC2302		XRA10393N	IC	1	
IC2501		CF77384NS	IC	1	
IC2502		BA6305F	IC	1	
IC3101		BA7004	IC	1	
IC3801		M52063SP	IC	1	
IC3901		LA7150	IC	1	
IC4001		BA7766AS	IC	1	
IC4002		UPD4066BG	IC	1	
IC6003		MN12821R	IC	1	(R)
IC6801		MN15522VMS	IC	1	
IC7801		SAA4700	IC	1	
IC7851		MN158413VSSJ	IC	1	
IC7852		MN1280S	IC	1	(S)
J701		VJR0231	PACK PIN	1	
J702,03		VJR0406	PACK PIN	2	
J704		VJR0231	PACK PIN	1	
KR851		VJR0163	PACK PIN	1	
L301		VLQEL05F101K	COIL 100UH	1	
L302		VLQEL05F220K	COIL 22UH	1	
L303		VLQEL05F101K	COIL 100UH	1	
L304		VLQEL05F121K	COIL 120UH	1	
L305		VLQEL05F680K	COIL 68UH	1	
L306		VLQEL05F101K	COIL 100UH	1	
L307		VLQEL05F151K	COIL 150UH	1	
L308		VLQEL05F270K	COIL 27UH	1	
L309,10		VLQEL05F101K	COIL 100UH	2	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQTR68XB	COIL 0.68UH	1	
L712		VLQ0305J1R2	COIL 1.2UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L716		ELESP560KA	COIL 56H	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801		VLQEL05F101K	COIL 100UH	1	
L802,03		VLQEL05F150K	COIL 15UH	2	
L805		VLQEL05F101K	COIL 100UH	1	
L806		VLQEL05F681K	COIL 680UH	1	
L808		VLQEL05F470K	COIL 47UH	1	
L809		VLQEL05F331K	COIL 330UH	1	
L810		VLQEL05F101K	COIL 100UH	1	
L811		VLQEL05F470K	COIL 47UH	1	
L812		VLQEL05F681K	COIL 680UH	1	
L820		VLQEL05F101K	COIL 100UH	1	
L821		VLQEL05F150K	COIL 15UH	1	
L822		VLQ0213K150T	COIL 15H	1	
L851		VLQEL05F101K	COIL 100UH	1	
L2002		VLP0074	COIL	1	
L2003		ELESP101KA	COIL	1	
L2101		ELESP102KA	COIL 1000UH	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L3001-03		ELESP101KA	COIL	3	
L3005		ELESP120KA	COIL 12UH	1	
L3006		ELESP6R8KA	COIL	1	
L3007		ELESP101KA	COIL	1	
L3008		ELESP3R3KA	COIL	1	
L3011		ELESP5R6KA	COIL	1	
L3101		VLQEL05F101K	COIL 100UH	1	
L3805		VLQEL05F101K	COIL 100UH	1	
L3901		VLQEL05F1R0K	COIL 1UH	1	
L3902		VLQEL05F2R7K	COIL 2.7UH	1	
L4001		VLQEL07F822J	COIL 8200UH	1	
L4002		ELESP471KA	COIL	1	
L6101		VLQEL05F101K	COIL 100UH	1	
L7401		ELESP1R0KA	COIL 1UH	1	
L7402		ELESP101KA	COIL	1	
L7404		ELESP1R0KA	COIL 1UH	1	
L7405		ELESP101KA	COIL	1	
P001		VJS1237T	CONNECTOR (FEMALE)	1	
P006		VJS1902	CONNECTOR (FEMALE)	1	
P501		VJS2382T	CONNECTOR (FEMALE)	1	
P1001		VJS2571A013	CONNECTOR (FEMALE)	1	
P1502		VJS1141T	CONNECTOR (FEMALE)	1	
P2001		VJP1932T	CONNECTOR (MALE)	1	
P2001		VJS1932T	CONNECTOR (FEMALE)	1	
P2201		VJP1237T	CONNECTOR(MALE) 10P	1	
P2201		VJS1237T	CONNECTOR (FEMALE)	1	
P3001		VJP1931T	CONNECTOR (MALE)	1	
P3001		VJS2382T	CONNECTOR (FEMALE)	1	
P3902		VJS1469	CONNECTOR(FEMALE)	1	
P4001		VJP2622	CONNECTOR	1	
P4002		VJP1229T	CONNECTOR(MALE) 2P	1	
P4002		VJS1229T	CONNECTOR (FEMALE)	1	
P4003		VJP1231T	CONNECTOR(MALE) 4P	1	
P4003		VJS1231T	CONNECTOR (FEMALE)	1	
P6001		VJS2571A012	CONNECTOR (FEMALE)	1	
P6002		VJS2571A004	CONNECTOR (FEMALE)	1	
P6202		VJS1231T	CONNECTOR (FEMALE)	1	
P7401		VJS1662	CONNECTOR (FEMALE)	1	
P7402		VJS2571A015	CONNECTOR (FEMALE)	1	
PK1		VJR0189	CONNECTOR (MALE)	1	
PK2201		VJR0452	PACK PIN	1	
PK2202		VJR0348	PACK PIN	1	
PK3901		VJR0348	PACK PIN	1	
PK3902		VJR0523	PACK PIN	1	
PK3903		VJR0348	PACK PIN	1	
PK3904		VJR0416	PACK PIN	1	
PK6101		VJR0277	PACK PIN	1	
Q301		MSB709	TRANSISTOR	1	(Q,R,S)
Q302		MSC2295	TRANSISTOR	1	(B,C)
Q303		MSC2295	TRANSISTOR	1	(B,C)
Q304		MSD601	TRANSISTOR	1	(Q,R,S)
Q703		2SD601	TRANSISTOR	1	(S,T)
Q710		2SC2377	TRANSISTOR	1	(C,D)
Q712		2SD638	TRANSISTOR	1	
Q713		2SD1328	TRANSISTOR	1	(S)
Q771		2SD601	TRANSISTOR CHIP	1	
Q801		MSD601	TRANSISTOR	1	(Q,R,S)
Q802		MSC2295	TRANSISTOR	1	(B,C)
Q804		MSB709	TRANSISTOR	1	(Q,R,S)
Q2001		MSD601	TRANSISTOR	1	(Q,R,S)
Q2002		2SD1996	TRANSISTOR	1	(S)
Q2003		MSB709	TRANSISTOR	1	
Q2301		MSD601	TRANSISTOR	1	(Q,R,S)
Q2302,03		MSB709	TRANSISTOR	2	(Q,R,S)
Q3001		MSC2295	TRANSISTOR	1	
Q3003		MSD601	TRANSISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q3004		MSB709	TRANSISTOR	1	(Q,R,S)
Q3006		MSC2295	TRANSISTOR	1	
Q3007		MSB709	TRANSISTOR	1	(Q,R,S)
Q3101		MSD601	TRANSISTOR	1	
Q4001		MSD602	TRANSISTOR	1	(R)
Q4002		2SA1309	TRANSISTOR	1	
Q6001		2SD893	TRANSISTOR	1	
Q6002,03		2SD1994	TRANSISTOR	2	(S)
Q6004		2SD1992	TRANSISTOR	1	
Q6006		2SB1321	TRANSISTOR	1	
Q6007		MSB710	TRANSISTOR	1	(R,S)
Q6008		2SD1273	TRANSISTOR	1	(P,O)
Q6010		2SD1991A	TRANSISTOR	1	
Q6011		MSB709	TRANSISTOR	1	
Q6101		2SC2206	TRANSISTOR	1	(B,C)
QR301		MRN1403	TRANSISTOR-RESISTOR	1	
QR302-04		MRN1403	TRANSISTOR-RESISTOR	3	
QR701		MRN1404	TRANSISTOR-RESISTOR	1	
QR702		MRN1404	TRANSISTOR-RESISTOR	1	
QR711,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR714		MRN1402	TRANSISTOR-RESISTOR	1	
QR801		MRN1403	TRANSISTOR-RESISTOR	1	
QR853		UN1213	TRANSISTOR-RESISTOR	1	
QR1001		MRN1404	TRANSISTOR-RESISTOR	1	
QR2002		DTC363EK	COMBI.TR-R	1	
QR2004		2SD1676	TRANSISTOR-RESISTOR	1	
QR2005		MRN1404	TRANSISTOR-RESISTOR	1	
QR2402,03		MRN2403	TRANSISTOR-RESISTOR	2	
QR2405		MRN1404	TRANSISTOR-RESISTOR	1	
QR2502		DTC363EK	COMBI.TR-R	1	
QR3004		MRN2402	TRANSISTOR-RESISTOR	1	
QR3005		MRN1404	TRANSISTOR-RESISTOR	1	
QR3006,07		DTC363EK	COMBI.TR-R	2	
QR3008		MRN1403	TRANSISTOR-RESISTOR	1	
QR3010		MRN1404	TRANSISTOR-RESISTOR	1	
QR3801		MRN2404	TRANSISTOR-RESISTOR	1	
QR3802		MRN1404	TRANSISTOR-RESISTOR	1	
QR4001,02		MRN1404	TRANSISTOR-RESISTOR	2	
QR6002		UN2119	TRANSISTOR-RESISTOR	1	
QR6003		MRN2404	TRANSISTOR-RESISTOR	1	
QR6004		MRN1404	TRANSISTOR-RESISTOR	1	
QR6006		MRN1404	TRANSISTOR-RESISTOR	1	
QR6007		MRN1403	TRANSISTOR-RESISTOR	1	
QR6011,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR6201		MRN2404	TRANSISTOR-RESISTOR	1	
QR6202		MRN1404	TRANSISTOR-RESISTOR	1	
QR7401		MRN1402	TRANSISTOR-RESISTOR	1	
QR7851		UN1211	TRANSISTOR-RESISTOR	1	
QR7852		UN1213	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R301		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R302		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R303		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R304		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R306		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R307		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R308		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R309		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R310		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R311		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R312		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R313		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R314		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R315		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R317		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R318		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R319		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R320		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R325		ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R326		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R327		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R328		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R329		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R330		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R331		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R332		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R334,35		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R338		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R712		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714		ERD2FCG330	C.RESISTOR 2W 33	1	
R715		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R717		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718		ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719,20		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R721		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R722		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R723		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R724		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R725		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R729,30		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R737		ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738		ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R739		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R743		ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R747		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R750		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R757		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R758		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R759		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R764		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R792		ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R801		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R802		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R803,04		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R805,06		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R807		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R808		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R809		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R810		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R815		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R817,18		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R819		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R820		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R821		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R822		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R824		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R825		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R827		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R828		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R830		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R831		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R841-43		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	3	
R844,45		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R846,47		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R851		ERDS2TJ223	C.RESISTOR 1/4W 22K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R852		ERDS2TJ390	C.RESISTOR 1/4W 39	1	
R853		ERDS2TJ154	C.RESISTOR 1/4W 150K	1	
R854		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
R855		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R856		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R858		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R2001,02		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R2004,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2006		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R2007		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2009		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2010		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2011		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2012		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2013		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2014		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2015,16		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2017		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2019		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R2020		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R2021		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2022		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2023		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2024		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2025		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2026		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2028		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2029		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2030		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2031		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2032		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R2033		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2034		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2035,36		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2037		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2038		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2040		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2051		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2101-03		ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2104		ERX12SJR47E	M.RESISTOR 1/2W 0.47	1	
R2105		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2106		ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R2107		ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R2108		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R2109		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2201		ERDS2TJ122	C.RESISTOR 1/4W 1.2K	1	
R2202-04		ERDS2TJ150	C.RESISTOR 1/4W 15	3	
R2205		ERX12SJR68E	M.RESISTOR 1/2W 0.68	1	
R2301		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2302		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2303		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2304		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2305		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2306		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2307		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2308		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2309		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2310		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2311		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2312,13		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2314,15		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2316		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2402		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R2403		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2405		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2501		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2503		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2504		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2505		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2506		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3001		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3002		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R3003		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3019		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3022,23		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3027		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3030		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3042		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3057		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3060		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3062		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3071		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3085		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3086		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3087,88		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	2	
R3091		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3094		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R3095		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3096		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3101		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3812		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3813		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3814		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3815		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3816		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3817,18		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R3819		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3820		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3821		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3822,23		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3901		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3902		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3903,04		ERJ6GEYJ242	M.RESISTOR CH 1/10W 2.4K	2	
R3905		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3906		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3908		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3909		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3910		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3912		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3913		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3916		ERDS2TO	C.RESISTOR 1/4W 0	1	
R4001		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4002		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4003		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	1	
R4004		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4007		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4008		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R4010		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4012		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4013		ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R4014		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4015		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4016		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4017		ERJ6GMYJ302	M.RESISTOR CH 1/10W 3K	1	
R4018		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4019		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R4020		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4021		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4022		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4023		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R4024,25		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	2	
R4026		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4027		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4031		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4032		ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4035		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4036		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R4039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4040		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4042		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R4044		ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R4048		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4049		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4050		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4051		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6001-03		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R6004,05		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6006		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6007		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6008		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6009		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6011		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6012		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6013		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6014		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6015		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6017		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6018		ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6019		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6020		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6021		ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6022		ERG3SJ220	M.RESISTOR 3W 22	1	
R6023		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6024		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6025		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6026		ERD2FCVG220	C.RESISTOR 2W 22	1	
R6028		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6029		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6040		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6042,43		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6044,45		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R6046		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6047		ERDS1TJ332	C.RESISTOR 1/2W 3.3K	1	
R6048		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6049		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6053		ERG2SJ471U	M.RESISTOR 2W 470	1	
R6054		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6055		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6056		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6057		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6059		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6101		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R6102		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R6103,04		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R6201		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6202		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6203		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6204		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6205		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6206		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7401		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7402		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7801		ERDS2TJ472	C.RESISTOR 1/4W 4.7K	1	
R7802		EROS2CKG7502	M.RESISTOR 1/4W 75K	1	
R7803,04		ERDS2TJ103	C.RESISTOR 1/4W 10K	2	
R7805		ERDS2TJ473	C.RESISTOR 1/4W 47K	1	
R7806		EROS2CKG3601	M.RESISTOR 1/4W 3.6K	1	
R7807		ERDS2TJ474	C.RESISTOR 1/4W 470K	1	
R7851		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7852		ERDS2TJ332	C.RESISTOR 1/4W 3.3K	1	
R7860		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
T703		EIV5EC013A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
T710		EULBEF023	TRANSFORMER	1	
T711		EIS5EC004A	TRANSFORMER	1	
T851		ELM7Q207A	COIL	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
VR301		EVNDRAA00B24	V.RESISTOR 20K	1	
VR302		EVN4YCA00B23	V.RESISTOR 2K	1	
VR701,02		EVN4YCA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR751		EVNDRAA00B53	V.RESISTOR 5K	1	
VR801		EVN4YCA00B52	V.RESISTOR 500	1	
VR802		EVN4YCA00B13	V.RESISTOR 1K	1	
VR803		EVNDRAA00B14	V.RESISTOR 10K	1	
VR2001		EVNDRAA00B54	V.RESISTOR 50K	1	
VR2009,10		EVND1AA00B25	V.RESISTOR 200K	2	
VR2011		EVNDRAA00B15	V.RESISTOR 100K	1	
VR3012,13		EVNDRAA00B52	V.RESISTOR 500	2	
VR3801		EVN4YCA00B14	V.RESISTOR 10K	1	
VR4002		EVNDRAA00B25	V.RESISTOR 200K	1	
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH38MSP2	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	
X712		EFCS5R5MS5	FILTER	1	
X715		ELB5A043	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X3101		VSX0099	CRYSTAL OSCILLATOR	1	
X6101		VSX0383	CRYSTAL OSCILLATOR	1	
X6801		VSX0258	CRYSTAL OSC.	1	
X7401		VSQ0565	CRYSTAL OSCILLATOR	1	
X7851		EFOA4ROM03C2	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMC0075	HEAT SINK FIX SPRING	1	
		VSC2734	HEAT SINK	1	
		VMP2631	FUSE FIX ANGLE	1	
		VSC1068	HEAT SINK	1	
		VMA6768	EARTH ANGLE	1	
		ENC17974	RF CONVERTER	1	[SUPPLIED FROM M.B.V]
					<!>
		VEJ0840	ANT. TERMINAL PLATE	1	[SUPPLIED FROM M.B.V]
		VMZ1352	HEAT SINK COVER	1	
		VJF0379	CLAMP	1	
		VJF0858	CLAMP	1	
		VMC0462	EARTH SPRING	1	[FOR SUB MAIN]
		ENV57850H6	TUNER	1	[SUPPLIED FROM M.B.V]
					<!> [FOR TV DEMODU.]
		VSC2713	SHIELD (MAIN)	1	[FOR TV DEMODU.]
		VSC2712	SHIELD (TOP)	1	[FOR TV DEMODU.]
		VSC2714	SHIELD (BOTTOM)	1	[FOR TV DEMODU.]
		VEJ0776	REAR JACK	1	[SUPPLIED FROM M.B.V]
		VWJ04FN140SS	FLEXIBLE CABLE(4PIN)	1	(P6002-P1508)
		VWJ14HW140MM	FLEXIBLE CABLE(14PIN)	1	(P7401-P7501)
		VWJ0374	FLEXIBLE CABLE(15PIN)	1	(P7402-P7502)
	■	VEP03764AD	MAIN C.B.A.		[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EI
			CAPACITORS		
C301		ECEA1EKN2R2	E.CAPACITOR 25V 2.2U	1	
C302		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C303		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C304		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C305		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C306		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C307		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C308		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C310		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C311,12		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2	
C313		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C314		ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1	
C315		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C317		ECEA1AK470	E.CAPACITOR 10V 47U	1	
C319		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C320		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C321		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C322		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C324		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C325,26		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C327,28		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C329		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C331		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C332		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C333		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C335		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C336		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C337		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C338		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C339		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C340		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C349		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C351		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C352		ECQB1H562JH	P.CAPACITOR 50V 5600P	1	
C353		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C354		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C360		ECUM1H153ZFN	C.CAPACITOR CH 50V 0.015U	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C727		ECUM1H080DCN	C.CAPACITOR CH 50V 80P	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C732		ECQV1H224B0	P.CAPACITOR 50V 0.22U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C735		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C736		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C737		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270RSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C775		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C781		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C782		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C790		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C797,98		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C814		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C815		ECQV1H154JZ	P.CAPACITOR 50V 0.15U	1	
C816		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C817		ECQV1H124JZ	P.CAPACITOR 50V 0.12U	1	
C818		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C819		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C820		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C821		ECEA1HFS4R7	E.CAPACITOR 50V 4.7U	1	
C823		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C824		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C825		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C826		ECEA1AU221	E.CAPACITOR 10V 220U	1	
C827		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C828		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C829		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C831,32		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	2	
C833		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C839		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C840		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C841-49		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	9	
C1001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C1003		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C1004		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2001		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2002		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C2003		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	
C2004		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2005		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2006		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2007		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C2008		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2009		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C2010		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2011		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2012		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2013		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C2014		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2015		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2016		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2017		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2018		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2019		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2020		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2022		ECEA1HKN2R2	E.CAPACITOR 50V 2.2U	1	
C2024		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2025		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C2026		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C2027		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2028		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	1	
C2029		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2030		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2031		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2032		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2033		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2034		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C2050		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C2101-03		ECQB1H333JZ	P.CAPACITOR 50V 0.033U	3	
C2104-06		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	3	
C2107,08		VCYD1E333KR	S.CAPACITOR 25V 0.033U	2	
C2111		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2115		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2116		ECEA1EU221	E.CAPACITOR 25V 220U	1	
C2118		VCYD1E333KR	S.CAPACITOR 25V 0.033U	1	
C2121		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C2201		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2203		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2204-06		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	3	
C2207		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C2208-10		ECEA1VKN4R7	E.CAPACITOR 35V 4.7U	3	
C2211		ECQB1H473JH	P.CAPACITOR 50V 0.047U	1	
C2212		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C2213		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2301		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2302		VCYD1E473KR	S.CAPACITOR 25V 0.047U	1	
C2303		ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1	
C2304		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C2305		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C2501		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C2502		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C2504		ECEA1HKN010	E.CAPACITOR 50V 1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C2505		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2506		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C2507		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C2508		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2509		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3001		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3002		ECEA0JU471	E.CAPACITOR 6.3V 470U	1	
C3003,04		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3010		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3011		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3012		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C3013		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3014		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3015		VCYD1E103KR	S.CAPACITOR 25V 0.01U	1	
C3016		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3019		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3053		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C3064		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C3065		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3067,68		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3070		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3071		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C3072		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C3076		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3081		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C3101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3808		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C3809		ECQB1H332JZ	P.CAPACITOR 50V 0.27U	1	
C3810		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3811		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3812		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C3813		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3814		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
C3815,16		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3817		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C3818,19		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3820		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3821		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3822		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3901,02		ECEA1CK330	E.CAPACITOR 16V 33U	2	
C3903		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C3904-06		ECEA1CK470	E.CAPACITOR 16V 47U	3	
C3907,08		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C3909		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C3913		ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C3914		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C3916		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	1	
C4001		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4002		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4003		ECKF1H102ZF	C.CAPACITOR 50V 1000P	1	
C4004		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4005		ECCD2H121K	C.CAPACITOR 500V 120P	1	
C4006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4007		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C4008		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C4009		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C4012		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4013		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4015		ECEA16M10R	E.CAPACITOR 16V 10.U	1	
C4016		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4017		ECEA10M47	E.CAPACITOR 10V 47U	1	
C4018		ECQB1H822JZ	P.CAPACITOR 50V 8200P	1	
C4019		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C4020		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4021		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C4022		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4023		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4024,25		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C4026		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4029		ECQB1H123JZ	P.CAPACITOR 50V 0.012U	1	
C4032		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C4034		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6001,02		ECEA0JK470	E.CAPACITOR 6.3V 47U	2	
C6005		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6006		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6007		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6008		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6010		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C6011,12		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6013		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C6014		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C6015		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C6025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6101		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6102		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6103		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6104		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C6105		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C6106		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C6201		ECUM1E563KB	C.CAPACITOR CH 25V 0.056U	1	
C6801		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7401		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7402		EECS5R5V473	E.CAPACITOR 5.5V 0.047	1	
C7407		ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7409		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7410		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7421		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7422		ECUM1H272KBN	C.CAPACITOR CH 50V 2700P	1	
C7431		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7651		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653		ECQB1H332JH	P.CAPACITOR 50V 3300P	1	
C7668		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7685		ECEA1HK010	E.CAPACITOR 50V 1U	1	
D301		MA4091M	DIODE	1	
D710		MA3100L	DIODE	1	
D771		MA151WK	DIODE	1	
D772		MA165	DIODE	1	
D773		11ES1	DIODE	1	
D1001,02		MA165	DIODE	2	
D2003,04		MA165	DIODE	2	
D2007-10		MA165	DIODE	4	
D2403		MA165	DIODE	1	
D2405,06		MA165	DIODE	2	
D2501		MA165	DIODE	1	
D3001		MA165	DIODE	1	
D3009		MA165	DIODE	1	
D3101		MA165	DIODE	1	
D3102		MA29WA	DIODE	1	
D3901,02		MA165	DIODE	2	
D4003		MA165	DIODE	1	
D6001		MA4051	DIODE	1	
D6002-04		MA165	DIODE	3	
D6005		ERA15-01	DIODE	1	
D6006		MA165	DIODE	1	
D6008		MA723	DIODE	1	
D6009		MA4150L	DIODE	1	
D6023		MA165	DIODE	1	
D6801		MA165	DIODE	1	
D7401,02		MA723	DIODE	2	
D7672,73		MA3150H	DIODE	2	
DL803		EFDWF124A13A	DELAY	1	
F6001		VSF0077	FUSE	1	
FL301		ELB4M022	FILTER	1	
FL302		VLF0499	FILTER	1	
FL303		VLF0727	FILTER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
FL801		ELB4W002	FILTER	1	
FL3101		VLF0413	FILTER	1	
IC301		VEFH03D	HIC	1	
IC303		MSM6965-3RS	IC	1	
IC701		M51366SP	IC	1	
IC801		VEFH04F	HIC	1	
IC802		M52055P	IC	1	
IC2001		MN6740VCQK	IC	1	
IC2101		BA6435S	IC	1	
IC2201		AN3814K	IC	1	
IC2301		AN6561L	IC	1	
IC2302		XRA10393N	IC	1	
IC2501		CF77384NS	IC	1	
IC2502		BA6305F	IC	1	
IC3101		BA7004	IC	1	
IC3801		M52063SP	IC	1	
IC3901		LA7150	IC	1	
IC4001		BA7766AS	IC	1	
IC4002		UPD4066BG	IC	1	
IC6003		MN12821R	IC	1	(R)
IC6801		MN15522VMS	IC	1	
J701		VJR0231	PACK PIN	1	
J702,03		VJR0406	PACK PIN	2	
J704		VJR0231	PACK PIN	1	
L301		VLQEL05F101K	COIL 100UH	1	
L302		VLQEL05F220K	COIL 22UH	1	
L303,04		VLQEL05F101K	COIL 100UH	2	
L306		VLQEL05F101K	COIL 100UH	1	
L307		VLQEL05F151K	COIL 150UH	1	
L308		VLQEL05F270K	COIL 27UH	1	
L309,10		VLQEL05F101K	COIL 100UH	2	
L311		VLQEL05F2R2K	COIL 2.2UH	1	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQTR68XB	COIL 0.68UH	1	
L712		VLQ0305J1R2	COIL 1.2UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L716		ELESP560KA	COIL 56H	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L781		ELESP680KA	COIL 68UH	1	
L805		VLQEL05F101K	COIL 100UH	1	
L806		VLQEL05F681K	COIL 680UH	1	
L808		VLQEL05F470K	COIL 47UH	1	
L809		VLQEL05F331K	COIL 330UH	1	
L810		VLQEL05F101K	COIL 100UH	1	
L811		VLQEL05F470K	COIL 47UH	1	
L812		VLQEL05F681K	COIL 680UH	1	
L820		VLQEL05F101K	COIL 100UH	1	
L821		VLQEL05F150K	COIL 15UH	1	
L822		VLQ0213K150T	COIL 15H	1	
L2002		VLP0074	COIL	1	
L2003		ELESP101KA	COIL	1	
L2101		ELESP102KA	COIL 1000UH	1	
L3001-03		ELESP101KA	COIL	3	
L3005		ELESP120KA	COIL 12UH	1	
L3006		ELESP6R8KA	COIL	1	
L3007		ELESP101KA	COIL	1	
L3008		ELESP3R3KA	COIL	1	
L3101		VLQEL05F101K	COIL 100UH	1	
L3805		VLQEL05F101K	COIL 100UH	1	
L3901		VLQEL05F1R0K	COIL 1UH	1	
L3902		VLQEL05F2R7K	COIL 2.7UH	1	
L3903		VLQEL05F1R0K	COIL 1UH	1	
L3904		VLQEL06F471K	COIL 470UH	1	
L4001		VLQEL07F822J	COIL 8200UH	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L4002		ELESP471KA	COIL	1	
L6101		VLQEL05F101K	COIL 100UH	1	
L7401		ELESP1R0KA	COIL 1UH	1	
L7402		ELESP101KA	COIL	1	
L7403		VLP0085	FILTER	1	
L7404		ELESP1R0KA	COIL 1UH	1	
L7405		ELESP101KA	COIL	1	
P001		VJS1237T	CONNECTOR (FEMALE)	1	
P006		VJS1902	CONNECTOR (FEMALE)	1	
P501		VJS2382T	CONNECTOR (FEMALE)	1	
P1001		VJS2571A013	CONNECTOR (FEMALE)	1	
P1502		VJS1141T	CONNECTOR (FEMALE)	1	
P2001		VJP1932T	CONNECTOR (MALE)	1	
P2001		VJS1932T	CONNECTOR (FEMALE)	1	
P2201		VJP1237T	CONNECTOR(MALE) 10P	1	
P2201		VJS1237T	CONNECTOR (FEMALE)	1	
P3001		VJP1931T	CONNECTOR (MALE)	1	
P3001		VJS2382T	CONNECTOR (FEMALE)	1	
P3902		VJS1469	CONNECTOR(FEMALE)	1	
P4001		VJP2622	CONNECTOR	1	
P4002		VJP1229T	CONNECTOR(MALE) 2P	1	
P4002		VJS1229T	CONNECTOR (FEMALE)	1	
P4003		VJP1231T	CONNECTOR(MALE) 4P	1	
P4003		VJS1231T	CONNECTOR (FEMALE)	1	
P6001		VJS2571A012	CONNECTOR (FEMALE)	1	
P6002		VJS2571A004	CONNECTOR (FEMALE)	1	
P6202		VJS1231T	CONNECTOR (FEMALE)	1	
P7401		VJS1662	CONNECTOR (FEMALE)	1	
P7402		VJS2571A015	CONNECTOR (FEMALE)	1	
PK2201		VJR0452	PACK PIN	1	
PK2202		VJR0348	PACK PIN	1	
PK3901		VJR0348	PACK PIN	1	
PK3902		VJR0523	PACK PIN	1	
PK3903		VJR0348	PACK PIN	1	
PK3904		VJR0416	PACK PIN	1	
PK6101		VJR0277	PACK PIN	1	
Q301		MSB709	TRANSISTOR	1	(Q,R,S)
Q302		MSC2295	TRANSISTOR	1	(B,C)
Q303		MSC2295	TRANSISTOR	1	(B,C)
Q304		MSD601	TRANSISTOR	1	(Q,R,S)
Q703		2SD601	TRANSISTOR	1	(S,T)
Q710		2SC2377	TRANSISTOR	1	(C,D)
Q712		2SD638	TRANSISTOR	1	
Q713		2SD1328	TRANSISTOR	1	(S)
Q771		2SD601	TRANSISTOR CHIP	1	(S,T)
Q804		MSB709	TRANSISTOR	1	(Q,R,S)
Q2001		MSD601	TRANSISTOR	1	(Q,R,S)
Q2002		2SD1996	TRANSISTOR	1	(S)
Q2003		MSB709	TRANSISTOR	1	
Q2301		MSD601	TRANSISTOR	1	(Q,R,S)
Q2302,03		MSB709	TRANSISTOR	2	(Q,R,S)
Q3001		MSC2295	TRANSISTOR	1	
Q3003		MSD601	TRANSISTOR	1	
Q3004		MSB709	TRANSISTOR	1	(Q,R,S)
Q3006		MSC2295	TRANSISTOR	1	
Q3007		MSB709	TRANSISTOR	1	(Q,R,S)
Q3101		MSD601	TRANSISTOR	1	
Q4001		MSD602	TRANSISTOR	1	(R)
Q4002		2SA1309	TRANSISTOR	1	
Q6001		2SD893	TRANSISTOR	1	
Q6002,03		2SD1994	TRANSISTOR	2	(S)
Q6004		2SD1992	TRANSISTOR	1	
Q6006		2SB1321	TRANSISTOR	1	
Q6007		MSB710	TRANSISTOR	1	(R,S)
Q6008		2SD1273	TRANSISTOR	1	(P,O)
Q6010		2SD1991A	TRANSISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
Q6011		MSB709	TRANSISTOR	1	
Q6101		2SC2206	TRANSISTOR	1	(B,C)
QR304		MRN1403	TRANSISTOR-RESISTOR	1	
QR701		MRN1404	TRANSISTOR-RESISTOR	1	
QR702		MRN1404	TRANSISTOR-RESISTOR	1	
QR711,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR714		MRN1402	TRANSISTOR-RESISTOR	1	
QR1001		MRN1404	TRANSISTOR-RESISTOR	1	
QR2002		DTC363EK	COMBI.TR-R	1	
QR2004		2SD1676	TRANSISTOR-RESISTOR	1	
QR2005		MRN1404	TRANSISTOR-RESISTOR	1	
QR2402,03		MRN2403	TRANSISTOR-RESISTOR	2	
QR2502		DTC363EK	COMBI.TR-R	1	
QR3004		MRN2402	TRANSISTOR-RESISTOR	1	
QR3005		MRN1404	TRANSISTOR-RESISTOR	1	
QR3008		MRN1404	TRANSISTOR-RESISTOR	1	
QR3801		MRN2404	TRANSISTOR-RESISTOR	1	
QR3802		MRN1404	TRANSISTOR-RESISTOR	1	
QR4001,02		MRN1404	TRANSISTOR-RESISTOR	2	
QR6002		UN2119	TRANSISTOR-RESISTOR	1	
QR6003		MRN2404	TRANSISTOR-RESISTOR	1	
QR6004		MRN1404	TRANSISTOR-RESISTOR	1	
QR6007		MRN1403	TRANSISTOR-RESISTOR	1	
QR6011,12		MRN1403	TRANSISTOR-RESISTOR	2	
QR6201		MRN2404	TRANSISTOR-RESISTOR	1	
QR6202		MRN1404	TRANSISTOR-RESISTOR	1	
QR7401		MRN1402	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R301		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R302		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R303		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R304		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R306		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R307		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R308		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R309		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R310		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R311		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R312		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R317		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R320		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R325		ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R326		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R327		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R328		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R329		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R330		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R331		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R332		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R334,35		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R338		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R339		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R712		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714		ERD2FCG330	C.RESISTOR 2W 33	1	
R715		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R717		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718		ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719,20		ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	2	
R721		ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R722		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R723		ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R724		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R725		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728		ERDS2TJ471	C.RESISTOR 1/4W 470	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R729,30		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R737		ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738		ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R739		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R743		ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745		ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746		ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R747		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R750		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R757		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R758		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R759		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R764		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R772		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R792		ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R815		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R818		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R819		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R820		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R821		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R822		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R824		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R825		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R831		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R841-43		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	3	
R844,45		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R846,47		ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R2001,02		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R2004,05		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2006		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R2007		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2008		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2009		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2010		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2011		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2012		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2013		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2014		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2015,16		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2017		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2019		ERJ6GMYJ124	M.RESISTOR CH 1/10W 120K	1	
R2020		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R2021		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2022		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2023		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2024		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2025		ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R2026		ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R2027		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2028		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2029		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2030		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R2031		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R2032		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R2033		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2034		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R2035,36		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2037		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2038		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2040		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2051		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2101-03		ERDS2TJ560	C.RESISTOR 1/4W 56	3	
R2104		ERX12SJR47E	M.RESISTOR 1/2W 0.47	1	
R2105		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R2106		ERJ6GMYG561	M.RESISTOR CH 1/10W 560	1	
R2107		ERJ6GMYG153	M.RESISTOR CH 1/10W 15K	1	
R2108		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R2109		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2201		ERDS2TJ122	C.RESISTOR 1/4W 1.2K	1	
R2202-04		ERDS2TJ150	C.RESISTOR 1/4W 15	3	
R2205		ERX12SJR68E	M.RESISTOR 1/2W 0.68	1	
R2301		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2302		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R2303		ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R2304		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2305		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2306		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2307		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2308		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2309		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2310		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2311		ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R2312,13		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2314,15		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2316		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R2402		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R2403		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2405		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R2501		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2503		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2504		ERJ6GMYJ823	M.RESISTOR CH 1/10W 82K	1	
R2505		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2506		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3001		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3002		ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R3003		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R3019		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3022,23		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3027		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3030		ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3042		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3062		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3063		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3071		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3085		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R3086		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3087,88		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	2	
R3094		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R3095		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3096		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3101		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3812		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3813		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3814		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R3815		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3816		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3817		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3818		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3819		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3820		ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3821		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R3822,23		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R3901		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3902		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3903,04		ERJ6GEYJ242	M.RESISTOR CH 1/10W 2.4K	2	
R3905		ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R3906		ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R3908		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R3909		ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3910		ERDS2TJ750	C.RESISTOR 1/4W 75	1	
R3912		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3913		ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R3916		ERDS2T0	C.RESISTOR 1/4W 0	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R4001		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4002		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4003		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	1	
R4004		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4007		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4008		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R4010		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R4012		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4013		ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R4014		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4016		ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4017		ERJ6GMYJ302	M.RESISTOR CH 1/10W 3K	1	
R4018		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4019		ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R4020		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4021		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4022		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4023		ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R4024,25		ERJ6GMYG104	M.RESISTOR CH 1/10W 100K	2	
R4026		ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4027		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4028		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4031		ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R4032		ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4035		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4036		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4038		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R4039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4040		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4042		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R4044		ERJ6GMY0R00	M.RESISTOR CH 1/10W 0	1	
R4048		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4049		ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4051		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6001-03		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R6004,05		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6006		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6007		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6008		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6009		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6010		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6011		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6012		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6013		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6014		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6015		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6017		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6018		ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6019		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6020		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6021		ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6022		ERG3SJ220	M.RESISTOR 3W 22	1	
R6023		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R6024		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6025		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6026		ERD2FCVG220	C.RESISTOR 2W 22	1	
R6028		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6029		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R6039		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6040		ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6041		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6042,43		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R6044,45		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R6047		ERDS1TJ332	C.RESISTOR 1/2W 3.3K	1	
R6048		ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R6049		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6053		ERG2SJ471U	M.RESISTOR 2W 470	1	
R6054		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6055		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6056		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6057		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6059		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6101		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6102		ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R6103,04		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R6201		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6202		ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6203		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6204		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R6205		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6206		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7401		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7402		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7656		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
T703		EIV5EC013A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T710		EULBEF023	TRANSFORMER	1	
T711		EIS5EC004A	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
VR302		EVN4YCA00B23	V.RESISTOR 2K	1	
VR701,02		EVN4YCA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR751		EVNDRAA00B53	V.RESISTOR 5K	1	
VR803		EVNDRAA00B14	V.RESISTOR 10K	1	
VR2001		EVNDRAA00B54	V.RESISTOR 50K	1	
VR2009,10		EVND1AA00B25	V.RESISTOR 200K	2	
VR2011		EVNDRAA00B15	V.RESISTOR 100K	1	
VR3012		EVNDRAA00B52	V.RESISTOR 500	1	
VR3801		EVN4YCA00B14	V.RESISTOR 10K	1	
VR4002		EVNDRAA00B25	V.RESISTOR 200K	1	
X301		VSX0225	CRYSTAL OSCILLATOR	1	
X710		EFCH38MSP2	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	
X712		EFCS5R5MS5	FILTER	1	
X715		ELB5A043	FILTER	1	
X716		EFCA31R90M1	CRYSTAL OSCILLATOR	1	31.75MHZ
X717		EFCA40R40M1	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X3101		VSX0099	CRYSTAL OSCILLATOR	1	
X6101		VSX0383	CRYSTAL OSCILLATOR	1	
X6801		VSX0258	CRYSTAL OSC.	1	
X7401		VSQ0565	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMC0075	HEAT SINK FIX SPRING	1	
		VSC2734	HEAT SINK	1	
		VMP2631	FUSE FIX ANGLE	1	
		VSC1068	HEAT SINK	1	
		VMA6768	EARTH ANGLE	1	
		ENC17976	RF CONVERTER	1	[SUPPLIED FROM M.B.V]
					<!> OR VEQ1043
		VEJ0840	ANT. TERMINAL PLATE	1	[SUPPLIED FROM M.B.V]
		VMZ1352	HEAT SINK COVER	1	
		VJF0379	CLAMP	1	
		VJF0858	CLAMP	1	
		VMC0462	EARTH SPRING	1	[FOR SUB MAIN]
		ENV57850H6	TUNER	1	[SUPPLIED FROM M.B.V]
					<!> [FOR TV DEMODU.]
		VSC2713	SHIELD (MAIN)	1	[FOR TV DEMODU.]
		VSC2712	SHIELD (TOP)	1	[FOR TV DEMODU.]
		VSC2714	SHIELD (BOTTOM)	1	[FOR TV DEMODU.]
		VEJ0776	REAR JACK	1	[SUPPLIED FROM M.B.V]
		VWJ04FN140SS	FLEXIBLE CABLE(4PIN)	1	(P6002-P1508)
		VWJ14HW140MM	FLEXIBLE CABLE(14PIN)	1	(P7401-P7501)
		VWJ0374	FLEXIBLE CABLE(15PIN)	1	(P7402-P7502)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP05137A	HEAD AMP C.B.A.		(NLA) NV-J35EO/EV
			CAPACITORS		
C501		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C502		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C505		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C507		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C508		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C509		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C510,11		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C512		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C513		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C514		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C515		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C516		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C517		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C518		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C522		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C523		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C524		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C525		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C526		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C527		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C528		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C529		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C530		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C531		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C532		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C533		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C534,35		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C536		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C537		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C538		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C539		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C540		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C541		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C542		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
IC501		BA7274S	IC	1	
L501		VLQEL05F101K	COIL 100UH	1	
L503		VLQEL05F270K	COIL 27UH	1	
L504		VLQEL05F101K	COIL 100UH	1	
L505		VLQEL05F820K	COIL 82UH	1	
L506		VLQEL05F151K	COIL 150UH	1	
P002		VJS1449	CONNECTOR(FEMALE)	1	
P501		VJP1931T	CONNECTOR (MALE)	1	
Q501		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q502		2SC2295	TRANSISTOR	1	
QR501		DTC363EK	TRANSISTOR-RESISTOR	1	
			RESISTORS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R501		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R502		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R503		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R504		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R506		ERJ6GMYJ204	M.RESISTOR CH 1/10W 200K	1	
R507		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R508		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R509		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R510		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R512		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R513		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R515		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R518		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R519,20		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R523		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R524		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R525		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R526		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R527		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R528		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R529		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R530		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R531		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R532		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R533		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R534-36		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
VR501		EVND1AA00B23	V.RESISTOR 2K	1	
VR502		EVND1AA00B13	V.RESISTOR 1K	1	
			MISCELLANEOUS		
		VSC2353	SHIELD(TOP)	1	
		VSC2355	SHIELD(BOTTOM)	1	
		VSC2354	SHIELD(MAIN)	1	
	■	VEP05137D	HEAD AMP C.B.A.		(NLA) NV-J35EI
			CAPACITORS		
C501		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C502		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C505		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C507		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C508		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C509		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C510,11		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C512		ECUM1H820JCN	C.CAPACITOR CH 50V 82P	1	
C513		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C514		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C515		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C516		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C517		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C518		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C523		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C524		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C525		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C528		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C529		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C530		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C531		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C532		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C533		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C534,35		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C536		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C537		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C538		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C539		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C540		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C541		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C542		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
IC501		BA7274S	IC	1	
L501		VLQEL05F101K	COIL 100UH	1	
L503		VLQEL05F270K	COIL 27UH	1	
L504		VLQEL05F101K	COIL 100UH	1	
L505		VLQEL05F820K	COIL 82UH	1	
L506		VLQEL05F151K	COIL 150UH	1	
P002		VJS1449	CONNECTOR(FEMALE)	1	
P501		VJP1931T	CONNECTOR (MALE)	1	
Q501		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q502		2SC2295	TRANSISTOR	1	
QR501		DTC363EK	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R501		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R502		ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R503		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R504		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R506		ERJ6GMYJ204	M.RESISTOR CH 1/10W 200K	1	
R507		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R508		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R509		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R510		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R512		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R513		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R515		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R518		ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R519		ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R523		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R524		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R525		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R526		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R527		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R528		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R529		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R530		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R531		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R532		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R533		ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R534-36		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	3	
VR501		EVND1AA00B23	V.RESISTOR 2K	1	
VR502		EVND1AA00B13	V.RESISTOR 1K	1	
			MISCELLANEOUS		
		VSC2353	SHIELD(TOP)	1	
		VSC2355	SHIELD(BOTTOM)	1	
		VSC2354	SHIELD(MAIN)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP07598C	TIMER C.B.A.		[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EO/EV
			CAPACITORS		
C6701		ECEA0JK470I	E.CAPACITOR 6.3V 47U	1	
C6702		ECKF1H471KB	C.CAPACITOR 50V 470P	1	
C6703		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C6704		ECEA1HK3R3I	E.CAPACITOR 50V 3.3U	1	
C7501		ECRHA030E41	TRIMMER 3P	1	
C7502		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
C7503		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7504		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7505		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7506		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7507		ECEA1HKR22	E.CAPACITOR 50V 0.22U	1	
C7508		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7510		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7511		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7512		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7513		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7525		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C7551		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
D6701		PN323B	PHOTO DIODE	1	
D7501		MA4068	DIODE	1	
D7504		MA165	DIODE	1	
D7507		MA165	DIODE	1	
D7510,11		MA165	DIODE	2	
D7513		MA165	DIODE	1	
D7516,17		MA165	DIODE	2	
D7530		MA165	DIODE	1	
D7532-35		MA165	DIODE	4	
D7537-41		MA165	DIODE	5	
D7554,55		LN28RCPL	DIODE	2	
D7556		LN38GCPL	DIODE	1	
DP7501		VSL0148	DISPLAY TUBE	1	
IC6701		UPC1490HA	IC	1	
IC7501		MN187125VHP	IC	1	
IC7502		MN12C261D	IC	1	
IC7503		MN1280L	IC	1	
IC7504		MN1280S	IC	1	(S)
L7501		VLQEL05F221K	COIL 220UH	1	
P7501		VJS1492	CONNECTOR(FEMALE)	1	
P7502		VJS2651B015	CONNECTOR (FEMALE)	1	
P7505		VJS2357A015	CONNECTOR (FEMALE)	1	
QR7501		MRN1404	TRANSISTOR-RESISTOR	1	
QR7525		UN2216	TRANSISTOR-RESISTOR	1	
			RESISTORS		

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R6701		ERDS2TJ154T	C.RESISTOR 1/4W 150K	1	
R6702		ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R6703		ERDS2TJ103T	C.RESISTOR 1/4W 10K	1	
R7501		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7502		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7504		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7505		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7508-10		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R7511		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7512		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7523-27		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	5	
R7530-32		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7533		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7534		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7535		ERDS1TJ5R1	C.RESISTOR 1/2W 5.1	1	
R7538		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7540		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7544		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7546		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7549		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7550		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7552-54		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	3	
R7555		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7561,62		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
X7501		VSX0140	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMD1360	LED SPACER	1	
		VJF0704	FIP HOLDER	1	
		VSC2671	SHIELD(MAIN)	1	(FOR IR RECEIVER)
		VSC2672	SHIELD(BOTTOM)	1	(FOR IR RECEIVER)
	■	VEP07598B	TIMER C.B.A.		[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EI
			CAPACITORS		
C6701		ECEA0JK470I	E.CAPACITOR 6.3V 47U	1	
C6702		ECKF1H471KB	C.CAPACITOR 50V 470P	1	
C6703		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C6704		ECEA1HK3R3I	E.CAPACITOR 50V 3.3U	1	
C7501		ECRHA030E41	TRIMMER 3P	1	
C7502		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
C7503		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7504		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7505		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7506		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7507		ECEA1HKR22	E.CAPACITOR 50V 0.22U	1	
C7508		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7510		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7511		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7512		ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7513		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7525		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C7551		ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
D6701		PN323B	PHOTO DIODE	1	
D7501		MA4068	DIODE	1	
D7504		MA165	DIODE	1	
D7507		MA165	DIODE	1	
D7510,11		MA165	DIODE	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D7513		MA165	DIODE	1	
D7516		MA165	DIODE	1	
D7530		MA165	DIODE	1	
D7532-35		MA165	DIODE	4	
D7537-41		MA165	DIODE	5	
D7554,55		LN28RCPL	DIODE	2	
D7556		LN38GCPL	DIODE	1	
DP7501		VSL0148	DISPLAY TUBE	1	
IC6701		UPC1490HA	IC	1	
IC7501		MN187125VHP	IC	1	
IC7502		MN12C261D	IC	1	
IC7503		MN1280L	IC	1	
IC7504		MN1280S	IC	1	(S)
L7501		VLQEL05F221K	COIL 220UH	1	
P7501		VJS1492	CONNECTOR(FEMALE)	1	
P7502		VJS2651B015	CONNECTOR (FEMALE)	1	
P7505		VJS2357A015	CONNECTOR (FEMALE)	1	
QR7501		MRN1404	TRANSISTOR-RESISTOR	1	
QR7525		UN2216	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R6701		ERDS2TJ154T	C.RESISTOR 1/4W 150K	1	
R6702		ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R6703		ERDS2TJ103T	C.RESISTOR 1/4W 10K	1	
R7501		ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7502		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7504		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7505		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7508-10		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R7511		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7512		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7523-27		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	5	
R7530-32		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7533		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7534		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7535		ERDS1TJ5R1	C.RESISTOR 1/2W 5.1	1	
R7538		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7540		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7544		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7546		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7549		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7550		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7552-54		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	3	
R7555		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7561,62		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
X7501		VSX0140	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMD1360	LED SPACER	1	
		VJF0704	FIP HOLDER	1	
		VSC2671	SHIELD(MAIN)	1	(FOR IR RECEIVER)
		VSC2672	SHIELD(BOTTOM)	1	(FOR IR RECEIVER)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP06681A	OPERATION C.B.A.		[SUPPLIED FROM M.B.V]
					(NLA)
			CAPACITORS		
C4301		ECEA1CKS100I	E.CAPACITOR 16V 10U	1	
C4302,03		ECEA1CKS470I	E.CAPACITOR 16V 47U	2	
C4304		ECEA1HKS010	E.CAPACITOR 50V 1U	1	
D6201		LN28RCPPU	DIODE	1	
D6202,03		MA165	DIODE	2	
J4301		VJJ0281	MIC JACK	1	
P6201		VJS2649	CONNECTOR	1	
P6202		VJP1244T	CONNECTOR(MALE) 4P	1	
PP6201		VJP2648	CONNECTOR (MALE)	1	
PS4301		VJS2648	CONNECTOR (FEMALE)	1	
Q4301		2SC2405	TRANSISTOR	1	
Q4302		2SA1034	TRANSISTOR	1	
			RESISTORS		
R4301		ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4302		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R4303		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4304		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4305		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4306		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4307,08		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4309		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6201		ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R6203		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6205		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
SW6201		VSS0187	SWITCH	1	
SW6203		EVQ11407K	SWITCH	1	
SW6204		VSS0236	SWITCH	1	
VR3004		EWAKFKXB3B24	V.RESISTOR 20K	1	
			MISCELLANEOUS		
		VMD0504	LED HOLDER	1	
		VGU4537	SLIDE KNOB	2	
	■	VEP06569C	KEY BOARD SW C.B.A.		[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EO/EV
P6501		VJS2357B015	CONNECTOR	1	
SW6502-28		EVQ11404M	SWITCH	27	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			MISCELLANEOUS		
		VWJ15UG065BB	FLAT CABLE	1	
	■	VEP06569AC	KEY BOARD SW C.B.A.		[SUPPLIED FROM M.B.V]
					(NLA) NV-J35EI
P6501		VJS2357B015	CONNECTOR	1	
SW6502-09		EVQ11404M	SWITCH	8	
SW6511-28		EVQ11404M	SWITCH	18	
			MISCELLANEOUS		
		VWJ15UG065BB	FLAT CABLE	1	
	■	VEP01420AC	POWER C.B.A.		[SUPPLIED FROM M.B.V]
					<!>(NLA) NV-J35EO/EV
			CAPACITORS		
C1101		ECQU2A224MN	P.CAPACITOR 100V 0.22U	1	
C1102		ECQU2A154MNB	P.CAPACITOR 100V 0.15U	1	
C1108		ECOS2GU820B	C.CAPACITOR 400V 82P	1	
C1109		ECEA2GG010	E.CAPACITOR 400V 1U	1	
C1110		ECQE6473JZ	P.CAPACITOR 630V 0.047U	1	
C1111		ECKD3D331KBN	C.CAPACITOR 2KV 330P	1	
C1113		ECQB1H472KZ	P.CAPACITOR 50V 4700P	1	
C1114		ECA1CXLV470	E.CAPACITOR 25V 47U	1	
C1115		ECQB1H472KZ	P.CAPACITOR 50V 4700P	1	
C1117		ECQP1101JZ	P.CAPACITOR 100V 100P	1	
C1118		ECEA1HGE101	E.CAPACITOR 50V 100U	1	
C1119,20		ECEA1DFZ681X	E.CAPACITOR 20V 680U	2	
C1121		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1122		ECEA1AFZ331X	E.CAPACITOR 10V 330U	1	
C1123		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1124,25		ECEA1AGE101	E.CAPACITOR 10V 100U	2	
C1126		ECEA1CGE470	E.CAPACITOR 16V 47U	1	
C1127		ECEA0JFZ471	E.CAPACITOR 6.3V 470U	1	
C1128-31		ECKF1H103ZFB	C.CAPACITOR 50V 0.01U	4	
C1132		ECEA1CGE100	E.CAPACITOR 16V 10U	1	
C1134,35		ECKF1H103ZFB	C.CAPACITOR 50V 0.01U	2	
C1136		ECQV1H105JZ	P.CAPACITOR 50V 1U	1	
C1137		ECQV1H223JS	P.CAPACITOR 50V 0.022U	1	
C1140,41		VCK0046	C.CAPACITOR	2	
C1142		VCC0024	C.CAPACITOR 2200P	1	
C1143,44		VCK0046	C.CAPACITOR	2	
C1145		VCC0024	C.CAPACITOR 2200P	1	
C1146		VCK0046	C.CAPACITOR	1	
C1147		VCC0024	C.CAPACITOR 2200P	1	
C1148		VCK0046	C.CAPACITOR	1	
D1101		SNR-300K4	SURGE ABSORBER	1	
D1102		S1WBA60	DIODE	1	
D1103		VSD0002	DIODE	1	
D1104		AP01C	DIODE	1	
D1105		MA178	DIODE	1	
D1106		MA4039	DIODE	1	
D1107		MA165	DIODE	1	
D1108		ERA22-02	DIODE	1	
D1109		RL2ZP	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D1110		MA185	DIODE	1	
D1111		11EQS04	DIODE	1	
D1112		ERB83-004L17	DIODE	1	
D1113		MA2200B	DIODE	1	
D1114		MA4130L	DIODE	1	
IC1101		STRD1816E	IC	1	
IC1102		STK5392	IC	1	
L1102		ELF18D221F	COIL	1	
L1103		VLQ0410	COIL	1	
L1108-10		VLP0085	FILTER	3	
P1101		VJS2651B013W	CONNECTOR (FEMALE)	1	
P1102		VJS2625	CONNECTOR (FEMALE)	1	
Q1102		2SD1330	TRANSISTOR	1	
			RESISTORS		
R1101		ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1102,03		ERDS1TJ823	C.RESISTOR 1/2W 82K	2	
R1104		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R1106		ERG3ANJ683	M.RESISTOR 3W 68K	1	
R1108		ERD25VJ182	C.RESISTOR 1/4W 1.8K	1	
R1110		ERG2SJ330	M.RESISTOR 2W 33	1	
R1111		ERG2SJ181	M.RESISTOR 2W 180	1	
R1113		ERG1SJ182E	M.RESISTOR 1W 1.8K	1	
R1114		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1118		ERDS2TJ1R0	C.RESISTOR 1/4W 1.0	1	
R1123,24		ERDS2TJ153	C.RESISTOR 1/4W 15K	2	
R1125		ERW1PK2R2	WIRE WOUND 2W 2.2	1	
T1101		VLT0571	TRANSFORMER	1	
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	2	<!>
		VMZ1361	CAPACITOR COVER	1	<!>
		VMZ0913	CAPACITOR COVER	2	<!>
	■	VEP01420AB	POWER C.B.A.		[SUPPLIED FROM M.B.V]
					<!> (NLA) NV-J35EI
			CAPACITORS		
C1101		ECQU2A154MNB	P.CAPACITOR 100V 0.15U	1	
C1102		ECQU2A104MN	P.CAPACITOR 100V 0.01U	1	
C1108		ECOS2GU820B	C.CAPACITOR 400V 82P	1	
C1109		ECEA2GG010	E.CAPACITOR 400V 1U	1	
C1110		ECQE6473JZ	P.CAPACITOR 630V 0.047U	1	
C1111		ECKD3D331KBN	C.CAPACITOR 2KV 330P	1	
C1113		ECQB1H472KZ	P.CAPACITOR 50V 4700P	1	
C1114		ECA1CXLV470	E.CAPACITOR 25V 47U	1	
C1115		ECQB1H472KZ	P.CAPACITOR 50V 4700P	1	
C1117		ECQP1101JZ	P.CAPACITOR 100V 100P	1	
C1118		ECEA1HGE101	E.CAPACITOR 50V 100U	1	
C1119,20		ECEA1DFZ681X	E.CAPACITOR 20V 680U	2	
C1121		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1122		ECEA1AFZ331X	E.CAPACITOR 10V 330U	1	
C1123		ECEA1HGE100	E.CAPACITOR 50V 10U	1	
C1124,25		ECEA1AGE101	E.CAPACITOR 10V 100U	2	
C1126		ECEA1CGE470	E.CAPACITOR 16V 47U	1	
C1127		ECEA0JFZ471	E.CAPACITOR 6.3V 470U	1	
C1128-31		ECKF1H103ZFB	C.CAPACITOR 50V 0.01U	4	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C1132		ECEA1CGE100	E.CAPACITOR 16V 10U	1	
C1134,35		ECKF1H103ZFB	C.CAPACITOR 50V 0.01U	2	
C1136		ECQV1H105JZ	P.CAPACITOR 50V 1U	1	
C1137		ECQV1H223JS	P.CAPACITOR 50V 0.022U	1	
C1142		VCC0021	CAPACITOR	1	
C1145		VCC0021	CAPACITOR	1	
C1147		VCC0022	C.CAPACITOR 1000P	1	
D1102		S1WBA60	DIODE	1	
D1103		VSD0002	DIODE	1	
D1104		AP01C	DIODE	1	
D1105		MA178	DIODE	1	
D1106		MA4039	DIODE	1	
D1107		MA165	DIODE	1	
D1108		ERA22-02	DIODE	1	
D1109		RL2ZP	DIODE	1	
D1110		MA185	DIODE	1	
D1111		11EQS04	DIODE	1	
D1112		ERB83-004L17	DIODE	1	
D1113		MA2200B	DIODE	1	
D1114		MA4130L	DIODE	1	
IC1101		STRD1816	IC	1	
IC1102		STK5392	IC	1	
L1101,02		ELF18D290A	FILTER	2	
L1103		VLQ0410	COIL	1	
L1104-07		VLP0085	FILTER	4	
P1101		VJS2651B013W	CONNECTOR (FEMALE)	1	
P1102		VJS2625	CONNECTOR (FEMALE)	1	
Q1102		2SD1330	TRANSISTOR	1	
			RESISTORS		
R1101		ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1102,03		ERDS1TJ823	C.RESISTOR 1/2W 82K	2	
R1104		ERDS2TJ562	C.RESISTOR 1/4W 5.6K	1	
R1106		ERG3ANJ683	M.RESISTOR 3W 68K	1	
R1108		ERD25VJ182	C.RESISTOR 1/4W 1.8K	1	
R1110		ERG2SJ330	M.RESISTOR 2W 33	1	
R1111		ERG2SJ181	M.RESISTOR 2W 180	1	
R1113		ERG1SJ182E	M.RESISTOR 1W 1.8K	1	
R1114		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1118		ERDS2TJ1R0	C.RESISTOR 1/4W 1.0	1	
R1123,24		ERDS2TJ153	C.RESISTOR 1/4W 15K	2	
R1125		ERW1PK2R2	WIRE WOUND 2W 2.2	1	
T1101		VLT0571	TRANSFORMER	1	
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	2	
		VMZ1608	CAPACITOR COVER	1	
		VMZ1183	CAPACITOR COVER	1	
	■	VEP66125E	REMOTE CONTROL C.B.A.		(NLA)
			CAPACITORS		
C6801		ECEA1AKA470I	E.CAPACITOR 10V 47U	1	
C6802		ECUM1E104ZFM	C.CAPACITOR CH 25V 0.1U	1	
C6803		ECEA1CKN4R7	E.CAPACITOR 16V 4.7U	1	
C6804		ECEA1HK010	E.CAPACITOR 50V 1U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6808,09		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C6810		ECUM1E1042FM	C.CAPACITOR CH 25V 0.1U	1	
C6811		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C6812		ECUM1E1542FM	C.CAPACITOR CH 25V 0.15U	1	
D6801		SE303ACYTF	DIODE	1	
D6803-12		MA221	DIODE	10	
D6817		MA221	DIODE	1	
D6818		MA221	DIODE	1	
IC6801		MN158455VSSD	IC	1	
IC6802		AN8356S	IC	1	
L6801		ELT3K017B	COIL	1	
Q6801		2SD1328	TRANSISTOR CHIP	1	(R,S)
Q6802		2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q6803		2SD601	TRANSISTOR CHIP	1	(Q,R,S)
QR6803		DTC144TK	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R6802,03		ERJ6GMYJ474	M.RESISTOR CH 1/10W 470K	2	
R6804		ERJ6GMYJ394	M.RESISTOR CH 1/10W 390K	1	
R6805		ERJ6GMYJ153V	M.RESISTOR CH 1/10W 15K	1	
R6806		ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6807		ERJ8GCYJ1R2	M.RESISTOR CH 1/8W 1.2	1	
R6808		ERJ6GMYJ824	M.RESISTOR CH1/10W 820K	1	
R6810		ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6812		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R6813		ERJ6GMYJ6R8	M.RESISTOR CH1/10W 6.8	1	
R6814,15		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R6816		ERJ6GMYJ334V	M.RESISTOR CH 1/10W 330K	1	
R6817		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
SN6801		VSQ0567	SENSOR	1	
VR6801		EVNDXAA00B34	V.RESISTOR 30K	1	
X6801		EF0GC3524A4	CRYSTAL OSCILLATOR	1	
X6802		EFBAL30D401K	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VGQ1406	TERMINAL BASE	1	
		VJR0401	TERMINAL ANGLE	2	
	■	VXA3820	MECHANISM CONNECTION C.B.A.		(NLA)
			IC		
IC1501		ON2170	IC	1	
			RESISTOR		
R1501,02		ERJ8GCYJ223	CHIP 1/8W 22K	2	
			CONNECTORS		
P1504		VJS2342W	CONNECTOR 13P	1	
P1505		VJP1242T	CONNECTOR 2P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			MISCELLANEOUS		
		VMA7844	REINFORCEMENT PLATE (F)	1	
		VMA7845	REINFORCEMENT PLATE (R)	1	
	■	VEK3578	SUPPLY PHOTO Tr. C.B.A.		(NLA)
			CAPACITOR		
C1501		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
			TRANSISTOR		
Q1501		PN150NVS	TRANSISTOR	1	
			MISCELLANEOUS		
		VMD0645	PHOTO Tr. HOLDER	1	
	■	- - - - -	TAKE-UP PHOTO Tr. C.B.A.		THIS PART IS INCLUDED
					IN SLIDE SW UNIT
					(VXA3498).
			CAPACITOR		
C1502		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
			CONNECTOR		
P1503		VJS2165W	CONNECTOR 6P	1	
			TRANSISTOR		
Q1502		PN150NVS	TRANSISTOR	1	
			RESISTOR		
R1503		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
			MISCELLANEOUS		
		VMD0645	PHOTO Tr. HOLDER	1	

26. VW-VPS5E PARTS LIST

MECHANICAL REPLACEMANT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VQT3254	OPERATING INSTRUCTIONS	1	

ELECTRICAL REPLACEMENT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.
3.Unless otherwise specified,
All resistors are in OHMS ,K=1,000 OHMS. All capacitors are in MICROFARADS(uf),P=uuF.
4.The P.C.Board units marked width'■'show below the main assembled parts.
5.Printed circuit board assembly with mark(NLA) is no longer available after discontinuation of the product.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP07538D	VPS C.B.A.		(NLA)
			CAPACITORS		
C7801		ECQB1H102JH	P.CAPACITOR 50V 1000P	1	
C7802		ECQB1H471JH	P.CAPACITOR 50V 470P	1	
C7803		ECQB1H472JH	P.CAPACITOR 50V 4700P	1	
C7804		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7805		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C7806		ECQB1H333JH	P.CAPACITOR 50V 0.033U	1	
C7815		VCYD1C104MR1	S.CAPACITOR 16V 0.1U	1	
C7816		ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C7851		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7852		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C7853,54		ECCF1H330JC	C.CAPACITOR 50V 33P	2	
C7855,56		ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7860		ECEA0JK101U	E.CAPACITOR 6.3V 100U	1	
D7851		MA165	DIODE	1	
IC7801		SAA4700	IC	1	
IC7851		MN158413VVSSJ	IC	1	
IC7852		MN1280S	IC	1	
PK1		VJR0189	PACK PIN	1	
QR7851		UN1211	TRANSISTOR-RESISTOR	1	
QR7852		UN1213	TRANSISTOR-RESISTOR	1	
			RESISTORS		
R7801		ERDS2TJ472	C.RESISTOR 1/4W 4.7K	1	
R7802		EROS2CKG7502	M.RESISTOR 1/4W 75K	1	
R7803,04		ERDS2TJ103	C.RESISTOR 1/4W 10K	2	
R7805		ERDS2TJ473	C.RESISTOR 1/4W 47K	1	
R7806		EROS2CKG3601	M.RESISTOR 1/4W 3.6K	1	
R7807		ERDS2TJ474	C.RESISTOR 1/4W 470K	1	
R7851		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7852		ERDS2TJ332	C.RESISTOR 1/4W 3.3K	1	
R7860		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
X7851		EF0A4R0M03C2	CRYSTAL OSCILLATOR	1	